



中国生物试剂核心原料开拓者

分子诊断原料

MOLECULAR DIAGNOSTIC MATERIALS

——脱氧核苷酸

西宝生物科技(上海)股份有限公司

Seebio Biotech (Shanghai) Co., Ltd.

关于西宝 About Seebio



西宝生物科技(上海)股份有限公司是以合成生物技术为核心,多学科交叉应用技术平台为依托,集研发、生产和服务为一体的国家“高新技术”、“专精特新小巨人”企业,成功入驻“上海研发公共服务平台”、“上海市科技创新平台”,并荣获“上海市浦东新区知识产权区级培育企业”称号。公司始终注重质量和可持续性发展,拥有ISO9001质量管理体系,ISO14001环境管理体系和ISO45001职业健康和安全管理体系认证。

公司自2003年成立以来,深耕原料研发,坚持自主创新,专注于体外诊断试剂原料、功能性健康原料、生物医药原辅料等的研发生产,持续为体外诊断、蛋白药物、疫苗、科研机构、营养健康、日化及医美生产企业等提供优质产品与技术服务。

西宝生物建立了合成生物学、化学合成和原料制剂等应用技术平台,融合设计开发、制造和销售新型生物基材料,其中包括生物活性材料、新型功能物质、功能型食品添加剂、生物医药原辅料、再生医学材料等,广泛用于诊断试剂、生物医药、营养健康、食品日化、绿色农业、环境生态等,致力于打造一家引领绿色生物制造领域的国际化公司。



To be continued...

未来可期.....

西宝生物医药有限公司成立
西宝生物医药产业园建设中

2023

2022

晋升国家“专精特新小巨人”企业

荣获“上海市浦东新区知识产权区级培育企业”称号
上海浦东川沙研发生产基地落成

2021

2020

上海市浦东新区
“2020年度企业研发机构”

2019

荣获上海市“专精特新”企业称号
入驻“上海研发公共服务平台”、“上海市科技创新平台”
ISO 质量管理体系认证

西宝院士专家工作站成立

2017

2018

入驻“浦东新区小微企业创新创业服务平台”

2016

西宝生物成功挂牌“新三板”

2015

荣获“高新技术企业”称号

2005

注册“Seebio”商标布局国际市场

2003

“西宝生物”成立于张江高科

分子诊断是用分子生物学技术通过检测DNA、RNA的变化、数量或表达异常,从而对受检者状况、疾病作出诊断的技术,这对疾病的预测、诊断等具有重要意义。分子诊断技术包括PCR技术、基因测序技术等等。

本文主要介绍脱氧核糖核苷三磷酸(dNTP),包括dATP、dGTP、dCTP、dTTP,它们是PCR反应体系中必不可少的原料。dNTP的质量及浓度将决定PCR反应扩增效率的高低。

西宝生物可以提供分子生物学级dNTP,同时也提供dNMP、dNDP和ddNTP等原料。

我们提供的产品,适用于多场景的分子生物学应用,包括qPCR、PCR、长片段PCR、等温扩增、DNA标记、克隆、Sanger和NGS测序等。

标准PCR	热启动PCR	长程PCR(超过20kb)
低拷贝PCR	实时荧光定量PCR	cDNA合成/RT-PCR
焦磷酸测	微阵列芯片	荧光DNA测序
标记反应	基因分型	定点诱变

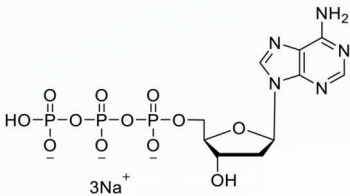
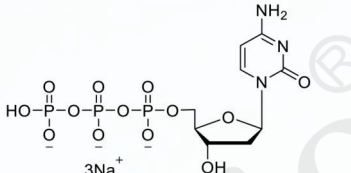
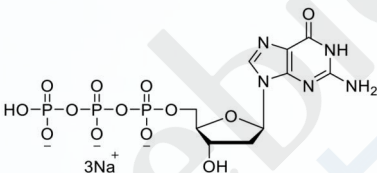
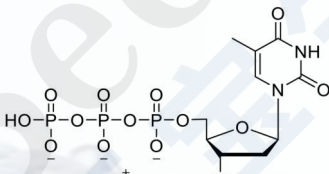
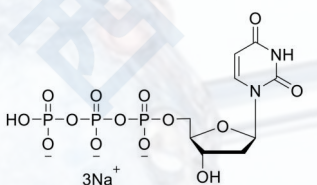
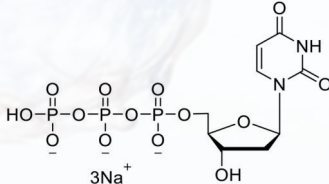
产品优势

- 产品纯度高
- 无DNase、RNase、切割酶残留
- 无细菌、人源基因组残留

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dNTPs

货号	产品名称	结构式	纯度	规格
ECI0301B	dATP 100mM Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
ECI0305B	dCTP 100mM Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
ECI0302B	dGTP 100mM Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
ECI0303B	dTTP 100mM Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
EAA0064D	dUTP 25mM Sodium Solution		>99%	100μL 1mL 10mL 100mL
EAA0064C	dUTP 100mM Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
DAA0136B	dNTP Mix (2.5mM each) Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
DAA0137B	dNTP Mix (10mM each) Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L

dNTPs

货号	产品名称	结构式	纯度	规格
DAA0139B	dNTP Mix (25mM each) Sodium Solution		>99%	100μL 1mL 10mL 100mL 1L
ECI0327A	2'-F-dATP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0329A	2'-F-dCTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0328A	2'-F-dGTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0330A	2'-F-dUTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0360A	2'-dFdCTP Sodium Salt		≥95%	100mg 1g 10g 100g
ECI0363A	2'-O-MOE-3'-dATP 100mM Lithium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0350A	3'-ONH ₂ -dATP 10mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL

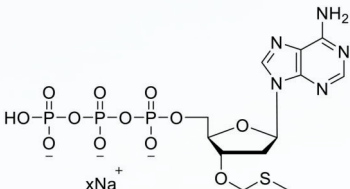
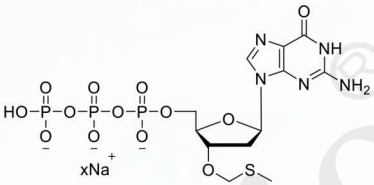
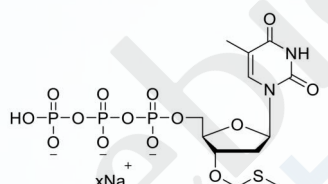
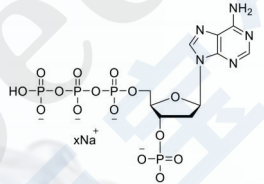
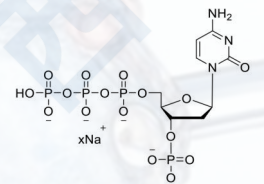
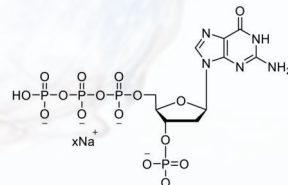
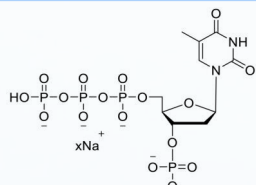
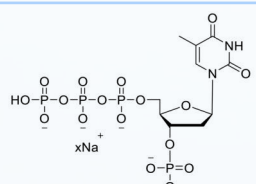
dNTPs

货号	产品名称	结构式	纯度	规格
ECI0308A	3'-ONH ₂ -dATP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL 1L
ECI0351A	3'-ONH ₂ -dCTP 10mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0310A	3'-ONH ₂ -dCTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL 1L
ECI0352A	3'-ONH ₂ -dGTP 10mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0309A	3'-ONH ₂ -dGTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL 1L
ECI0362A	3'-ONH ₂ -dUTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0353A	3'-ONH ₂ -dTTP 10mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0311A	3'-ONH ₂ -dTTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL 1L

dNTPs

货号	产品名称	结构式	纯度	规格
ECI0323A	3'-ONH ₂ -dATP Sodium Salt		>95%	100mg 1g 10g 100g
ECI0324A	3'-ONH ₂ -dCTP Sodium Salt		>95%	100mg 1g 10g 100g
ECI0325A	3'-ONH ₂ -dGTP Sodium Salt		>95%	100mg 1g 10g 100g
ECI0326A	3'-ONH ₂ -dTTP Sodium Salt		>95%	100mg 1g 10g 100g
ECI0318A	3'-O-Azidomethyl-dATP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0320A	3'-O-Azidomethyl-dCTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0319A	3'-O-Azidomethyl-dGTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0321A	3'-O-Azidomethyl-dTTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL

dNTPs

货号	产品名称	结构式	纯度	规格
ECI0332A	3'-O-methylthiomethyl-dATP 100mM Sodium Solution		>95%	100μL 1mL 10mL 100mL
ECI0333A	3'-O-methylthiomethyl-dGTP 100mM Sodium Solution		>95%	100μL 1mL 10mL 100mL
ECI0314A	3'-O-methylthiomethyl-dTTP 100mM Sodium Solution		>95%	100μL 1mL 10mL 100mL 1L
ECI0334A	3'-P-dATP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0315A	3'-P-dCTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0335A	3'-P-dGTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0322A	3'-P-dTTP 10mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0316A	3'-P-dTTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL

dNTPs

货号	产品名称	结构式	纯度	规格
ECI0313A	5-(2-bromovinyl)-dUTP Sodium Salt		>98%	100mg 1g 10g 100g
ECI0339A	dATPaS 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0337A	dATPaS (Rp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0338A	dATPaS (Sp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0345A	dGTPaS 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0343A	dGTPaS (Rp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0344A	dGTPaS (Sp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0342A	dCTPaS 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL

dNTPs

货号	产品名称	结构式	纯度	规格
ECI0340A	dCTPaS (Rp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0341A	dCTPaS (Sp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0348A	dTTPaS 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0346A	dTTPaS (Rp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0347A	dTTPaS (Sp isomer) 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0349A	dNTPaS (25mM each) Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0359A	5-Aminoallyl-dUTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0313A	5-(2-Bromovinyl)-dUTP Sodium Salt		>98%	100mg 1g 10g 100g

dNTPs

货号	产品名称	结构式	纯度	规格
ECI0354A	7-deaza-dGTP 5mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0366A	7-deaza-dGTP 5mM Lithium Solution		≥95%	100μL 1mL 10mL 100mL
ECI0361A	7-deaza-dGTP 100mM Sodium Solution		≥98%	10uL 100uL 1mL 10mL
ECI0306A	Cy3-dUTP 1mM Sodium Solution		>95%	100μL 1mL 5mL 10mL
ECI0358A	Cy3-linker-PA-3'-O-azidomethyl-dATP 10mM Sodium Solution		≥98%	10uL 100uL 1mL 10mL
ECI0357A	Cy5-linker-PA-3'-O-azidomethyl-dGTP 10mM Sodium Solution		≥98%	10uL 100uL 1mL 10mL
ECI0356A	Cy7-linker-PA-3'-O-azidomethyl-dCTP 10mM Sodium Solution		≥98%	10uL 100uL 1mL 10mL
ECI0336A	Cy5-7-Deaza-dATP (β,γ-C) Sodium Salt		>95%	10mg 100mg 500mg

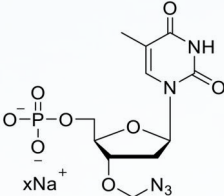
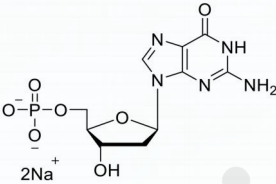
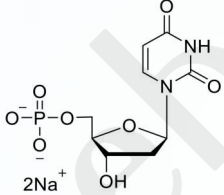
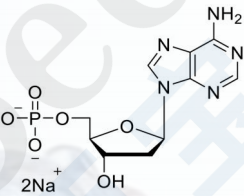
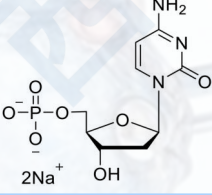
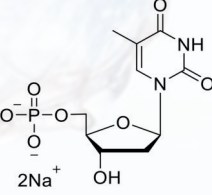
dNTPs

货号	产品名称	结构式	纯度	规格
ECI0331A	7-deaza-dGTP 100mM Sodium Solution		>95%	100mg 1g 10g 100g
ECI0355A	3'-ONH ₂ -dUTP 100mM Sodium Solution		≥98%	10uL 100uL 1mL 10mL
ECI0307A	2'-O-MOE-3'-dATP 100mM Lithium Solution		>95%	100μL 1mL 5mL 10mL
ECI0365A	Biotin-16-dUTP 5mM Sodium Solution		≥95%	100μL 1mL 10mL 100mL
ECI0364A	Biotin-16-dCTP 5mM Sodium Solution		≥95%	100μL 1mL 10mL 100mL
ECI0312A	Cy3-linker-PA-3'-O-azidomethyl-dATP 10mM Sodium Solution		>95%	100μL 1mL 5mL 10mL
ECI0317A	5-Aminoallyl-dUTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0368A	2'-dFdCTP Sodium Salt		≥98%	100μL 1mL 10mL 100mL

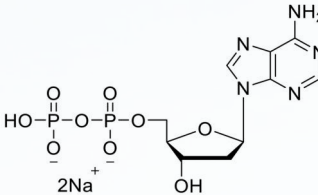
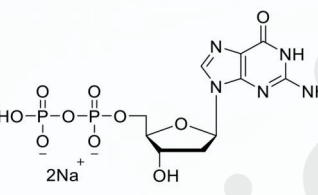
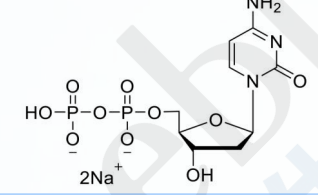
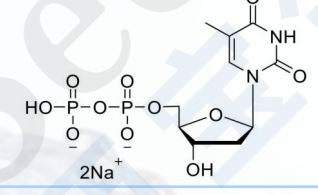
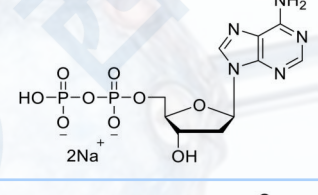
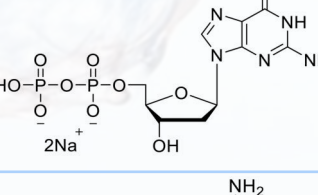
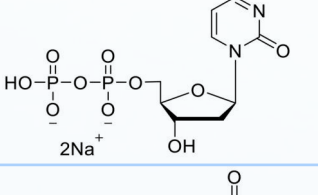
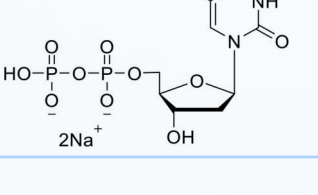
dNMPs

货号	产品名称	结构式	纯度	规格
ECI0400A	dAMP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0401A	dGMP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0402A	dCMP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0403A	dTMP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0409A	dUMP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0404A	3'-O-azidomethyl-dAMP Sodium Salt		>98%	100mg 1g 10g 100g
ECI0405A	3'-O-azidomethyl-dGMP Sodium Salt		>98%	100mg 1g 10g 100g
ECI0406A	3'-O-azidomethyl-dCMP Sodium Salt		>98%	100mg 1g 10g 100g

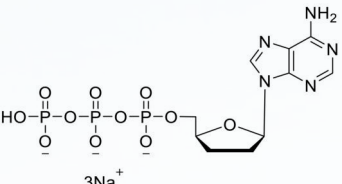
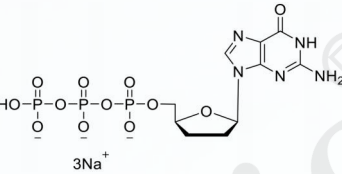
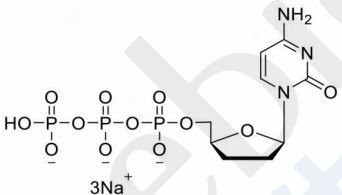
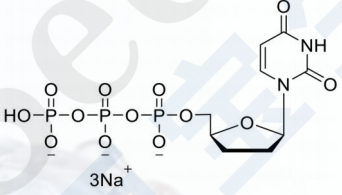
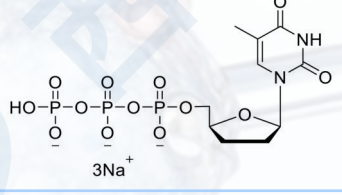
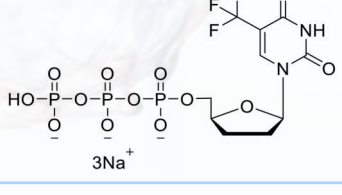
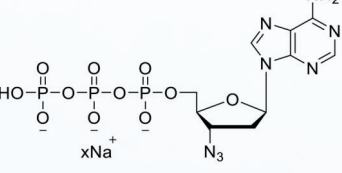
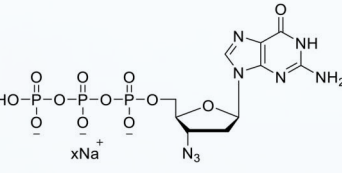
dNMPs

货号	产品名称	结构式	纯度	规格
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ECI0408A	dGMP Disodium Salt		>98%	100mg 1g 10g 100g 1kg
ECI0410A	dUMP Disodium Salt		>98%	100mg 1g 10g 100g 1kg
ECI0411A	dAMP Disodium Salt		>98%	100mg 1g 10g 100g 1kg
ECI0412A	dCMP Disodium Salt		>98%	100mg 1g 10g 100g 1kg
ECI0413A	dTMP Disodium Salt		>98%	100mg 1g 10g 100g 1kg

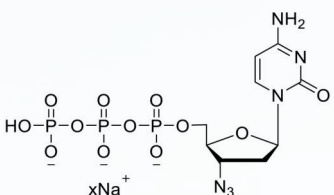
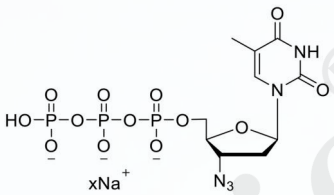
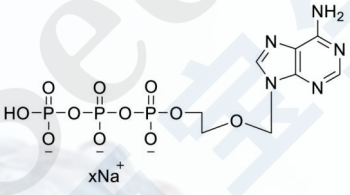
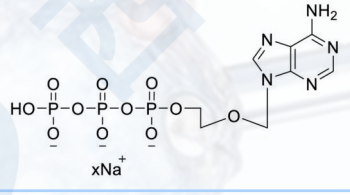
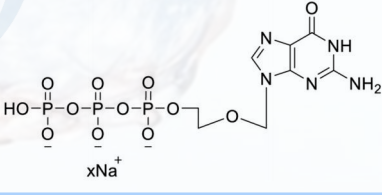
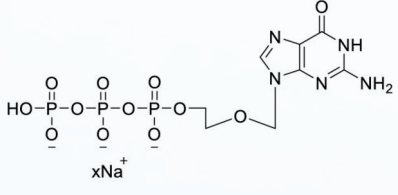
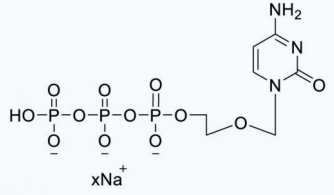
dNDPs

货号	产品名称	结构式	纯度	规格
ECI0392A	dADP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0393A	dGDP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0394A	dCDP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0395A	dTDP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0396A	dADP Disodium Salt		>97%	100mg 1g 10g 100g 1kg
ECI0397A	dGDP Disodium Salt		>97%	100mg 1g 10g 100g 1kg
ECI0398A	dCDP Disodium Salt		>97%	100mg 1g 10g 100g 1kg
ECI0399A	dTDP Disodium Salt		>97%	100mg 1g 10g 100g 1kg

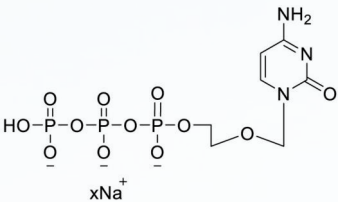
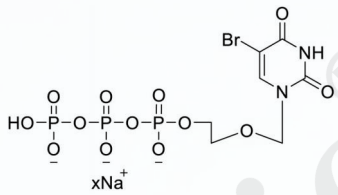
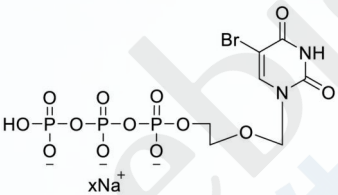
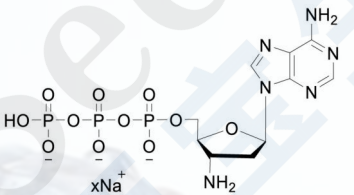
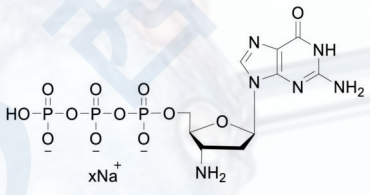
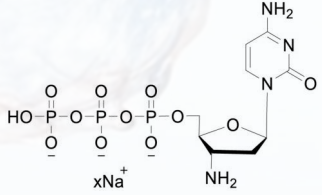
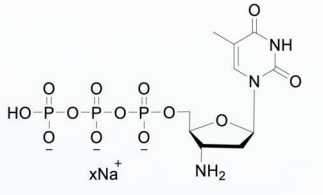
ddNTPs

货号	产品名称	结构式	纯度	规格
ECI0369A	ddATP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0370A	ddGTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0371A	ddCTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0377A	ddUTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0379A	ddTTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0372A	5-CF ₃ -ddUTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0373A	3'-Azido-ddATP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0374A	3'-Azido-ddGTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL

ddNTPs

货号	产品名称	结构式	纯度	规格
ECI0375A	3'-Azido-ddCTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0376A	3'-Azido-ddTTP 100mM Sodium Solution		>98%	100μL 1mL 10mL 100mL
ECI0378A	AcyNTP-Mix (25 mM each) Sodium Solution		>95%	100μL 1mL 10mL 100mL
ECI0381A	AcycloATP 20mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0385A	AcycloATP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0382A	AcycloGTP 20mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0386A	AcycloGTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0383A	AcycloCTP 20mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL

ddNTPs

货号	产品名称	结构式	纯度	规格
ECI0387A	AcycloCTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0380A	Acyclo-5-Br-UTP 20mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0384A	Acyclo-5-Br-UTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0388A	3'-NH ₂ -ddATP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0389A	3'-NH ₂ -ddGTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0390A	3'-NH ₂ -ddCTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL
ECI0391A	3'-NH ₂ -ddTTP 100mM Sodium Solution		≥98%	100μL 1mL 10mL 100mL



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