

## Abasic phosphoramidite

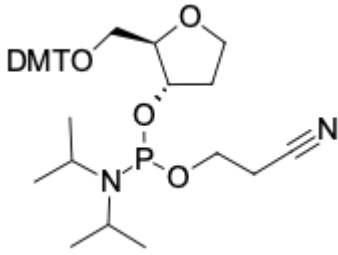
<http://hk.lumiprobe.com/p/abasic-phosphoramidite>

A compound for the phosphoramidite synthesis of oligonucleotides and the creation of the abasic step in the oligonucleotide sequence.

Cleavage of the N-glycosyl bond between a base and its 2-deoxyribose moiety in DNA generates an apurinic/aprimidinic (so-called abasic) site. This phenomenon, which is referred to as depurination or depyrimidination occurs spontaneously under physiological conditions.

Abasic phosphoramidites are used in DNA and oligonucleotide synthesis. Abasic phosphoramidite imitates the loss of base pairing ability by a nucleotide. This modification of phosphoramidite is more stable than the natural abasic insert and can be used when examining DNA damage and repair.

Abasic phosphoramidite (dSpacer CE-Phosphoramidite) is a modification of 1',2'-dideoxyribose, contains a DMT protection of the hydroxymethyl group, and exhibits stability during synthesis and purification of oligonucleotides under standard conditions using AMA mixture, ammonium hydroxide / 40% methylamine (1:1).



外观:

分子量: 620.73

CAS 编号: 129821-76-7

分子式:  $C_{35}H_{45}N_2O_6P$

质量控制:

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試, 且未經明示或暗示授權用於其他任何用途, 包括但不限於體外診斷、人類或動物用途, 以及商業用途。

稀释剂:

偶联条件:

解保护条件: