

Product datasheet

Spermine tetrahydrochloride, polyamine used for precipitation of DNA ab146523

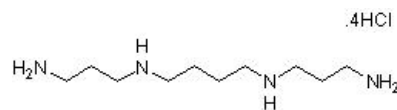
1 Image

Overview

Product name	Spermine tetrahydrochloride, polyamine used for precipitation of DNA
Description	Polyamine used for precipitation of DNA from low salt aqueous buffers.
Biological description	Spermine is a biogenic polyamine formed from spermidine and occurs in almost all tissues. It is essential for both neoplastic and normal tissue growth. Spermine is associated with nucleic acids, particularly in viruses, and is thought to stabilize the helical structure. Spermine tetrahydrochloride is used for precipitation of DNA from low salt aqueous buffers.

CAS Number 306-67-2

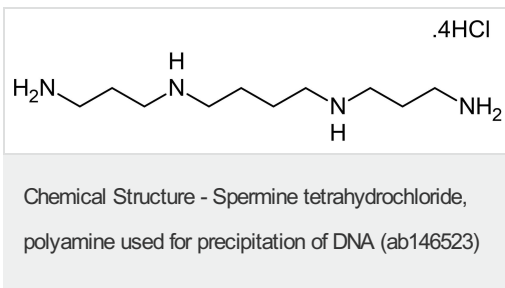
Chemical structure



Properties

Molecular weight	348.19
Molecular formula	C ₁₀ H ₂₆ N ₄ .4HCl
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 1 M
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

Images



2D chemical structure image of ab146523, Spermine tetrahydrochloride, polyamine used for precipitation of DNA

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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