

## Product Datasheet

### GP9873 - Putrescine dihydrochloride

Pictograms

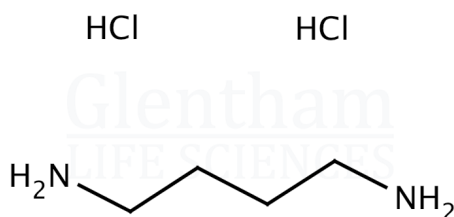


#### Product Details

Product Name	Putrescine dihydrochloride
Glenthams Code	GP9873
CAS Number	333-93-7
EINECS	206-375-9
MDL Number	MFCD00012526
PubChem SID	310279396
Related Categories	APIs, Biochemicals, Raw Materials (IVD)

#### Structure

Molecular Weight	: 161.08
Molecular Formula	: $C_4H_{12}N_2 \cdot 2HCl$



#### Glenthams Product Specification

Physical Description	: White to off-white crystalline powder or crystals
Solubility (10% in water)	: Clear, colourless solution
Residue on Ignition	: $\leq 0.2\%$
Heavy Metals	: $\leq 20\text{ppm}$
Loss on Drying	: $\leq 0.5\%$ (105°C)
Assay	: $\geq 98.0\%$ (dried basis)
Version	: v1.1

#### About Putrescine dihydrochloride

Putrescine dihydrochloride is a salt of putrescine, an organic chemical produced by the breakdown of amino acids during putrefaction. Putrescine dihydrochloride is an NMDA agonist and precursor in the synthesis of spermidine.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

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