

Product datasheet

Blasticidin S hydrochloride, Nucleoside antibiotic ab141452

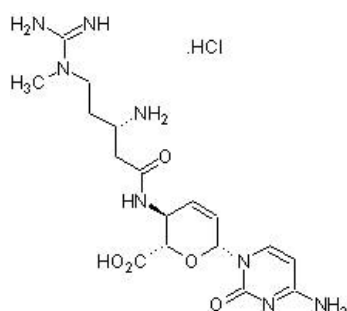
[1 Image](#)

Overview

Product name	Blasticidin S hydrochloride, Nucleoside antibiotic
Description	Broad spectrum nucleoside antibiotic
Purity	> 98%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 1859 Blasticidin S Hydrochloride. 1859-100 is the same size as the 100 mg size of ab141452.

CAS Number 3513-03-9

Chemical structure



Properties

Chemical name	4-Amino-1-(4-[[[(3S)-3-amino-5-(N-methylcarbamimidamido)pentanoyl]amino]-2,3,4-trideoxy-β-D-erythro-hex-2-enopyranuronosyl]-2(1H)-pyrimidinone hydrochloride
Molecular weight	458.90
Molecular formula	C ₁₇ H ₂₆ N ₈ O ₅ .HCl
PubChem identifier	25078183
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 50 mM
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.

Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

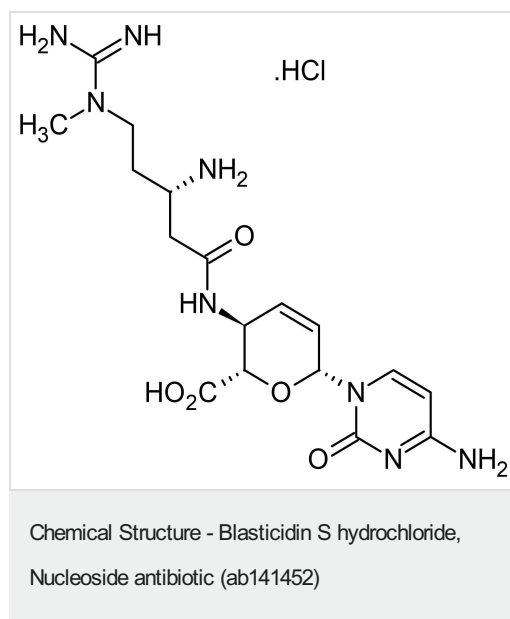
SMILES

CN(CC[C@H](CC(=O)N[C@H]1C=C[C@@H](O[C@@H]1C(=O)O)N2C=CC(=NC2=O)N)N)C(=N)N.Cl

Source

Synthetic

Images



2D chemical structure image of ab141452, Blasticidin S hydrochloride, Nucleoside antibiotic

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

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