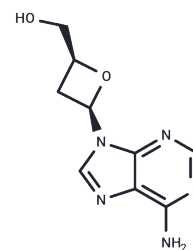


Albucidin

Chemical Properties

CAS No. :	126170-40-9
Formula:	C ₉ H ₁₁ N ₅ O ₂
Molecular Weight:	221.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Albucidin is a nucleoside phytotoxin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5204 mL	22.6019 mL	45.2039 mL
5 mM	0.9041 mL	4.5204 mL	9.0408 mL
10 mM	0.452 mL	2.2602 mL	4.5204 mL
50 mM	0.0904 mL	0.452 mL	0.9041 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Zhang H, Liu PF, Chen Q, Wu QY, Seville A, Gu YC, Clough J, Zhou SL, Yang GF. Synthesis and absolute configuration assignment of albucidin: a late-stage reductive deiodination by visible light photocatalysis. *Org Biomol Chem*. 2016 Apr 7;14(13):3482-5. doi: 10.1039/c6ob00371k. Epub 2016 Mar 14. PubMed PMID: 26972382.
- Hahn DR, Graupner PR, Chapin E, Gray J, Heim D, Gilbert JR, Gerwick BC. Albucidin: a novel bleaching herbicide from *Streptomyces albus* subsp. *chlorinus* NRRL B-24108. *J Antibiot (Tokyo)*. 2009 Apr;62(4):191-4. doi: 10.1038/ja.2009.11. Epub 2009 Feb 27. PubMed PMID: 19247393.

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