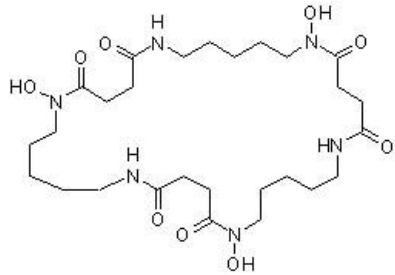


Product datasheet

Nocardamine (Deferrioxamine E), Antibiotic agent ab144842

1 Image

Overview

Product name	Nocardamine (Deferrioxamine E), Antibiotic agent
Description	Antibiotic agent. Siderophore iron chelator.
Biological description	Antibiotic agent. Siderophore iron chelator. Induces morphological changes in insect cells. Shows weak antimicrobial against Gram-positive bacteria.
Purity	> 95%
CAS Number	26605-16-3
Chemical structure	

Properties

Chemical name	1,12,23-Trihydroxy-1,6,12,17,23,28-hexazacyclotritriacontane-2,5,13,16,24,27-hexone
Molecular weight	600.70
Molecular formula	C ₂₇ H ₄₈ N ₆ O ₉
PubChem identifier	161532
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 (with heating) and in DMSO
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.

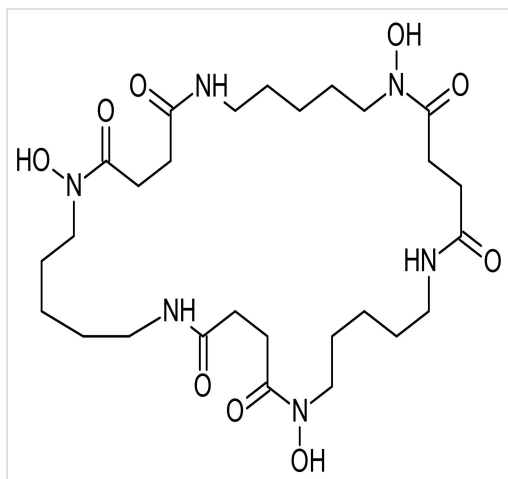
SMILES

C1CCNC(=O)CCC(=O)N(CCCCCNC(=O)CCC(=O)N(CCCCCNC(=O)CCC(=O)N(CC1)O)O)O

Source

Streptomyces sp.

Images



2D chemical structure image of ab144842, Nocardamine (Deferrioxamine E), Antibiotic agent

Chemical Structure - Nocardamine (Deferrioxamine E), Antibiotic agent (ab144842)

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

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