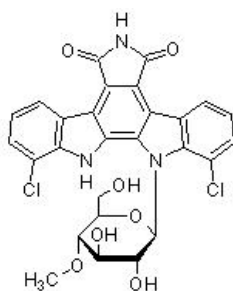


Rebeccamycin, Antibiotic agent ab144341

1 Image

Overview

Product name	Rebeccamycin, Antibiotic agent
Description	Antibiotic agent. Weak topoisomerase I inhibitor. Potent antiproliferative agent.
Purity	> 98%
CAS Number	93908-02-2
Chemical structure	



Properties

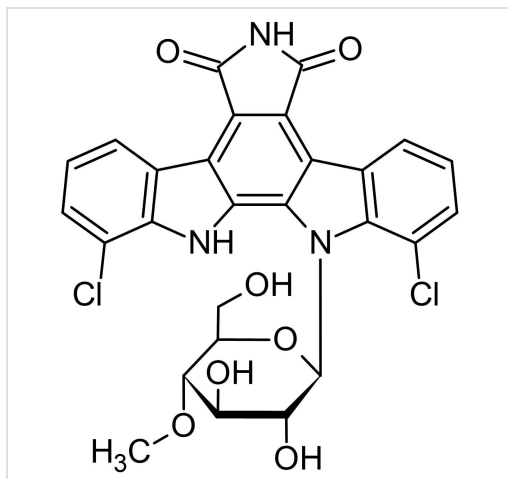
Chemical name	1,11-Dichloro-12-(4-O-methyl-β-D-glucopyranosyl)-12,13-dihydro-5 <i>H</i> -indolo[2,3- <i>a</i>]pyrrolo[3,4- <i>c</i>]carbazole-5,7(6 <i>H</i>)-dione
Molecular weight	570.38
Molecular formula	C ₂₇ H ₂₁ Cl ₂ N ₃ O ₇
PubChem identifier	73110
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 5 mM
Handling	<p>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.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES

CO[C@@H]1[C@H](O[C@H]([C@@H]
([C@H]1O)O)N2C3=C(C=CC=C3Cl)C4=C5C(=C6C7=C(C=CC=C7)Cl)NC6=C42)C(=O)NC5=O)CO

Source

Streptomyces sp.

Images

Chemical Structure - Rebeccamycin, Antibiotic agent (ab144341)

2D chemical structure image of ab144341, Rebeccamycin, Antibiotic agent

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

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