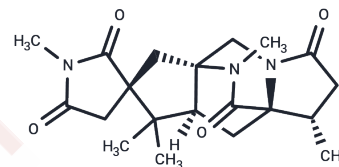


16-Keto Aspergillimide

Chemical Properties

CAS No. :	199784-50-4
Formula:	C ₂₀ H ₂₇ N ₃ O ₄
Molecular Weight:	373.453
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	16-Keto Aspergillimide (SB202327) is a novel anthelmintic compound derived from the Aspergillus strain [IMI 337664].
Targets(IC50)	Others,Parasite
In vitro	The oral efficacy of 16-Keto Aspergillimide (SB202327) against adult Trichostrongylus colubriformis infections in gerbils was evaluated. Bioassay-guided extraction utilizing Haemonchus contortus L3 larvae demonstrated that 16-Keto Aspergillimide (SB202327) exhibits activity in vitro, however, it did not show effectiveness in vivo[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6777 mL	13.3887 mL	26.7773 mL
5 mM	0.5355 mL	2.6777 mL	5.3555 mL
10 mM	0.2678 mL	1.3389 mL	2.6777 mL
50 mM	0.0536 mL	0.2678 mL	0.5355 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

R M Banks, et al. Novel anthelmintic metabolites from an Aspergillus species; the aspergillimides. J Antibiot (Tokyo). 1997 Oct;50(10):840-6.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481