
Product Data Sheet

Product Name: 16-Keto Aspergillimide

Cat. No.: GC61740

Chemical Properties

Cas. No. 199784-50-4

SMILES CN(C1=O)C(C[C@@]2(CC3=O)C(N3C)=O)(CN(C(C4)=O)C1([C@H]4C)C5)[C@]5([H])C2(C)CFormula C₂₀H₂₇N₃O₄ M.Wt 373.45

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

16-Keto Aspergillimide (SB202327) is an anthelmintic agent isolated from Aspergillus strain IMI 337664[1].

The oral activities of 16-Keto Aspergillimide (SB202327) against adult Trichostrongylus colubriformis infections in gerbils are determined. During bioassay-guided extraction (Haemonchus contortus L3 larvae), the 16-Keto Aspergillimide (SB202327) shows evidence of activity in vitro but not in vivo[1].

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

Caution: Product has not been fully validated for medical applications. For research use only.

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