

Product Data Sheet

Product Name: Varioxepine A

Cat. No.: GC48502

Chemical Properties

Cas. No. 1623451-72-8

SMILES CC(C)C(NC1=O)=C2N=C(OC=CC=C3)[C@@]3(OC[C@H](C(C)(O4)C)O5)[C@]54N2[C@H]1CC6=CC=CC=C6

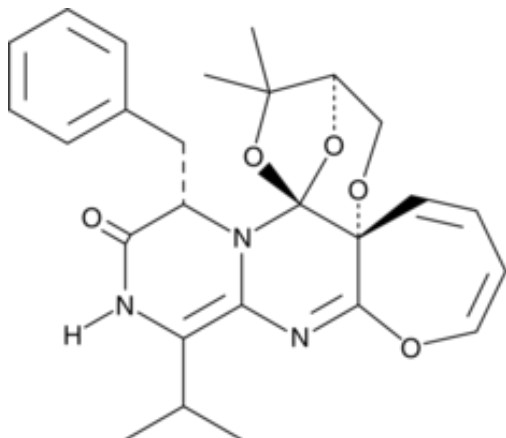
Formula C₂₆H₂₉N₃O₅ M.Wt 463.5

Solubility Storage -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

Varioxepine A is a fungal metabolite originally isolated from *P. variotii*.¹ It is active against the plant pathogenic fungus *F. graminearum* (MIC = 4 µg/ml).

1. Zhang, P., Mándi, A., Li, X.-M., et al. Varioxepine A, a 3H-oxepine-containing alkaloid with a new oxa-cage from the marine algal-derived endophytic fungus *Paecilomyces variotii* Org. Lett. 16(18)4834-4837(2014)

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

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