
Product Data Sheet

Product Name: Lanopepden (GSK 1322322)

Cat. No.: GC32311

Chemical Properties

Cas. No. 1152107-25-9

SMILES FC1=C(N2CCN(CCOC3)[C@@]3([H])C2)N=C(C)N=C1NNC([C@H](CC4CCCC4)CN(C=O)O)=OFormula C₂₂H₃₄N₇O₄ M.Wt 479.55

Solubility Soluble in DMSO 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**

Lanopepden (GSK 1322322) is a peptide deformylase inhibitor active against Staphylococcus aureus strains with MICs of 1 and 1 mg/L for ATCC 29213 and ATCC 25923 strain, respectively[1].

[1]. Peyrusson F, et al. Cellular pharmacokinetics and intracellular activity of the novel peptide deformylase inhibitor GSK1322322 against Staphylococcus aureus laboratory and clinical strains with various resistance phenotypes: studies with human THP-1 monocytes and J774 murine macrophages. Antimicrob Agents Chemother. 2015 Sep;59(9):5747-60.

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

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