

Product Data Sheet

Product Name: ZINC03129319

Cat. No.: GC32141

Chemical Properties

Cas. No. 1777807-64-3

SMILES O=C1C2(SC[C@H]3N2C([C@@H]4N(C5(C(C(C=CC=C6)=C6C5=O)=O)SC4)C3=O)=O)C(C7=CC=CC=C71)=O

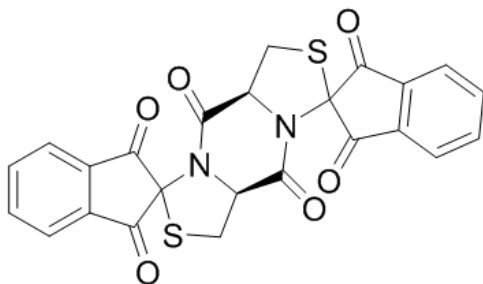
Formula $C_{24}H_{14}N_2O_6S_2$ M.Wt 490.51

Solubility DMSO : 41.67 mg/mL (84.95 mM) 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

ZINC03129319 is a dengue virus (DENV) NS2B-NS3 protease inhibitor extracted from patent US20150141521A1, has inhibition constants (K_{i1}) of $92 \pm 15 \mu\text{M}$ and K_{i3} of $20 \pm 4 \mu\text{M}$.

ZINC03129319 inhibits DENV NS2B-NS3 protease with K_{i1} of $92 \pm 15 \mu\text{M}$ and K_{i3} of $20 \pm 4 \mu\text{M}$ [1].

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

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[1]. Watowich, Stanley J, et al. SMALL-MOLECULE INHIBITORS OF DENGUE VIRUS
PROTEASES. US20150141521A1.

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