

Product Data Sheet

Product Name: Kibdelone B

Cat. No.: GC44001

Chemical Properties

Cas. No. 934464-78-5

SMILES O=C1N(C)C(CCC)=C(Cl)C2=C1C(C3=C(C2=O)CCC(C3=C4O)=C(OC)C5=C4C(C6=C(O5)[C@@H](O)C[C@H](O)[C@@H]6O)=O)=O

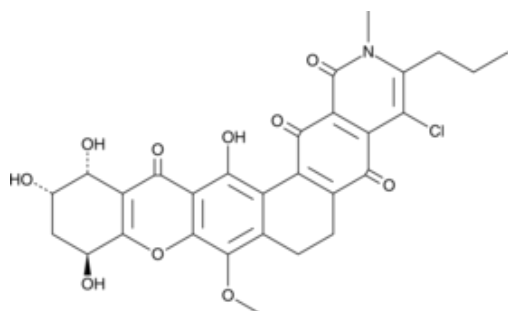
Formula C₂₉H₂₆ClNO₁₀ M.Wt 584

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

Kibdelones are natural aromatic polyketides first isolated from an actinomycete, Kibdelosporangium. They exhibit potent and selective cytotoxicity against a panel of human tumor cell lines. Kibdelones also display significant antibacterial and nematocidal activity. Kibdelone B is a member of this group that undergoes facile equilibration to kibdelones A-C under mild conditions. Its mode of action and pharmacology have not been studied.

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

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