

Product Data Sheet

Product Name: SM-433
Cat. No.: GC63195

Chemical Properties

Cas. No. 1071992-81-8

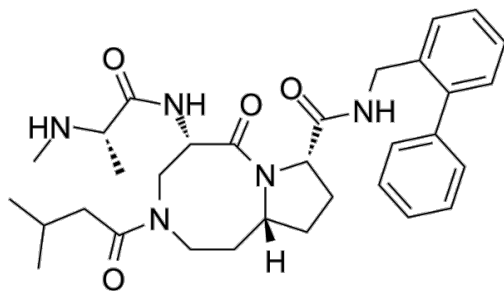
Formula $C_{32}H_{43}N_5O_4$ M.Wt 561.71

Solubility Storage

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

SM-433, a Smac mimetic, functions as an inhibitor of inhibitor of apoptosis proteins (IAPs). SM-433 exhibits strong binding affinity to XIAP and BIR3 protein with an $IC_{50} < 1 \mu M$. (patent WO2008128171A2)[1].

SM-433 exhibits strong inhibitory activity against MDA-MB -2131 human breast cancer cells and SK-OV-3 ovarian cancer cells ($IC_{50}s < 10 \mu M$, respectively)[1].

[1]. Shaomeng Wang, et al. Diazo bicyclic smac mimetics and the uses thereof. WO2008128171A2.

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

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