
Product Data Sheet

Product Name: MRT-81
Cat. No.: GC63336

Chemical Properties

Cas. No. 1263132-08-6

Formula $C_{31}H_{29}N_3O_5S$ M.Wt 555.64

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

MRT-81 is a potent antagonist of human and rodent smoothed (Smo) receptors, with an IC_{50} value of 41 nM in the Shh-light2 cells, exerting potent hedgehog (Hh) signaling pathway inhibiting activity.

[1] Solinas A, et al. J Med Chem. 2012 Feb 23;55(4):1559-71.

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

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