
Product Data Sheet

Product Name: San78-130

Cat. No.: GC37591

Chemical Properties

Cas. No. 66018-45-9

SMILES OC1=CC(OC)=CC(CCC[C@@H]([C@H](O)C(CCC[C@H](C)O2)=O)O)=C1C2=OFormula C₁₉H₂₆O₇ M.Wt 366.41

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**

San78-130 is a selective and potent ALK1 inhibitor with an IC₅₀ of 62 nM. San78-130 also inhibits FLT4/VEGFR3, KDR/VEGFR2, MEK2, and FLT3 with IC₅₀s of 114, 162, 186.7, and 188 nM, respectively[1]. ALK1|62 nM (IC₅₀)|FLT4/VEGFR3|114 nM (IC₅₀)|KDR/VEGFR2|162 nM (IC₅₀)|MEK2|186.7 nM (IC₅₀)|FLT3|188 nM (IC₅₀)

[1]. Cho H, et al. Identification of the First Selective Activin Receptor-Like Kinase 1 Inhibitor, a Reversible Version of L-783277. J Med Chem. 2017 Feb 23;60(4):1495-1508.

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

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