
Product Data Sheet

Product Name: TrkA-IN-1

Cat. No.: GC60372

Chemical Properties

Cas. No. 1680179-43-4

SMILES O=C(NC1=CN=C(C)N=C1C2=CC=CC=C2)NC3C4=C(C5=C3C=CC=C5)C=CC=C4Formula C₂₅H₂₀N₄O

M.Wt 392.45

Solubility DMSO: 8.33 mg/mL (21.23 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**

TrkA-IN-1 is a potent and selective Tropomyosin-related kinase A (TrkA) inhibitor with an IC₅₀ of 99 nM in a cell-based assay. TrkA-IN-1 has analgesic activity[1].

[1]. Su HP, et al. Structural characterization of nonactive site, TrkA-selective kinase inhibitors. Proc Natl Acad Sci U S A. 2017 Jan 17;114(3):E297-E306.

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

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