

GNF-8625

Chemical Properties

CAS No. : 1196546-33-4

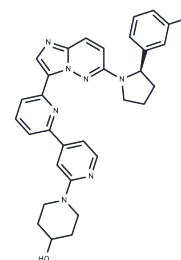
Formula: C₃₁H₃₀N₇O

Molecular Weight: 535.61

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	GNE-8625 is a potent and selective pan-TRK inhibitor. GNE-8525 demonstrated potent antiproliferation activity with IC ₅₀ = 0.003 μM. In a tumor xenograft model derived from the KM12 cell line, GNE-8525 demonstrated in vivo antitumor efficacy when administered at ascending doses twice daily (bid) for 14 days in rats. Deregulated kinase activities of tropomyosin receptor kinase (TRK) family members have been shown to be associated with tumorigenesis and poor prognosis in a variety of cancer types. In particular, several chromosomal rearrangements involving TRKA have been reported in colorectal, papillary thyroid, glioblastoma, melanoma, and lung tissue that are believed to be the key oncogenic driver in these tumors.
Targets(IC ₅₀)	Others,Ligands for Target Protein for PROTAC,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.867 mL	9.3352 mL	18.6703 mL
5 mM	0.3734 mL	1.867 mL	3.7341 mL
10 mM	0.1867 mL	0.9335 mL	1.867 mL
50 mM	0.0373 mL	0.1867 mL	0.3734 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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