
Product Data Sheet

Product Name: K-(D-1-Nal)-FwLL-NH2

Cat. No.: GC50274

Chemical Properties

Cas. No. 1394288-22-2

SMILES [H]N[C@@H](CCCCN)C(=O)N[C@H](CC1=CC=CC2=C1C=CC=C2)C(=O)N[C@@H](CC1=CC=CC=C1)C(=O)N[C@H](CC1=CNC2=C1C=CC=C2)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](CC(C)C)C(N)=O

Formula C₅₁H₆₇N₉O₆ M.Wt 902.13

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**

High affinity and potent ghrelin receptor inverse agonist (K_i values are 4.9 and 31 nM in COS7 and HEK293T cells, respectively). Blocks ghrelin receptor-mediated Gq- and G13-dependent signaling pathways.

Els et al (2012) An aromatic region to induce a switch between agonism and inverse agonism at the ghrelin receptor. J.Med.Chem. 55 7437 PMID:22920150 |M'Kadmi et al (2015) Agonism, antagonism, and inverse agonism bias at the ghrelin receptor signaling. J.Biol.Chem. 290 27021 PMID:26363071

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

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