
Product Data Sheet

Product Name: GB-110
Cat. No.: GC36125

Chemical Properties

Cas. No. 1252806-70-4

SMILES O=C(C1=CC=NO1)N[C@@H](CC2CCCCC2)C(N[C@@H]([C@@H](C)CC)C(NCC3=CC=CC(C(N4CCC(CN)CC4)=O)=C3)=O)=O

Formula C₃₃H₄₈N₆O₅ M.Wt 608.77

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

GB-110 is a potent, orally active, and nonpeptidic protease activated receptor 2 (PAR2) agonist. GB-110 selectively induces PAR2-mediated intracellular Ca²⁺ release in HT29 cells with an EC₅₀ of 0.28 μM[1]. Protease activated receptor 2[1]

[1]. Barry GD, et al. Novel agonists and antagonists for human protease activated receptor 2. J Med Chem. 2010 Oct 28;53(20):7428-40.

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

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