

SR-12062

## Chemical Properties

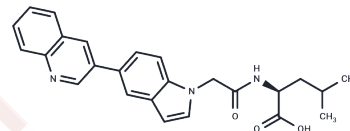
CAS No. : 1623019-77-1

Formula: C<sub>25</sub>H<sub>25</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 415.48

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

SR-12062 functions as a full agonist at neurotensin receptor 1 (NTSR1), demonstrating notable efficacy and increased potency. Its EC<sub>50</sub> value on NTSR1 is 2 μM, with complete receptor activation (E<sub>max</sub>=100%). Compared to the parent compound 1 (EC<sub>50</sub>=178 μM; E<sub>max</sub>=17%), SR-12062 shows approximately 90-fold greater potency.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4069 mL	12.0343 mL	24.0685 mL
5 mM	0.4814 mL	2.4069 mL	4.8137 mL
10 mM	0.2407 mL	1.2034 mL	2.4069 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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

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