

EST64454 free base

## Chemical Properties

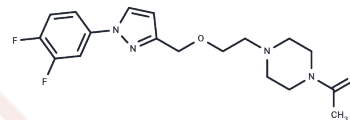
CAS No. : 1351438-26-0

Formula: C<sub>18</sub>H<sub>22</sub>F<sub>2</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 364.39

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	EST64454 is a $\sigma$ 1 receptor ( $\sigma$ 1R) antagonist clinical candidate for the treatment of pain. EST64454 shows an outstanding aqueous solubility, which together with its high permeability in Caco-2 cells will allow its classification as a BCS class I compound. It also shows high metabolic stability.
Targets(IC50)	Others, Sigma receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7443 mL	13.7216 mL	27.4431 mL
5 mM	0.5489 mL	2.7443 mL	5.4886 mL
10 mM	0.2744 mL	1.3722 mL	2.7443 mL
50 mM	0.0549 mL	0.2744 mL	0.5489 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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