

LPM4870108

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>19</sub>FN<sub>6</sub>O<sub>3</sub>

Molecular Weight: 410.4

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	LPM4870108 is a potent, orally active pan-Trk (WT/MT) inhibitor that acts on TrkC (IC <sub>50</sub> : 0.2 nM), TrkA (IC <sub>50</sub> : 2.4 nM), TrkAG595R (IC <sub>50</sub> : 3.5 nM) and TrkAG667C (IC <sub>50</sub> : 2.3 nM), and is more selective for Trk than ALK (IC <sub>50</sub> : 2.3 nM). LPM4870108 showed anti-tumour effects.
Targets(IC <sub>50</sub> )	Others,Trk receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4366 mL	12.1832 mL	24.3665 mL
5 mM	0.4873 mL	2.4366 mL	4.8733 mL
10 mM	0.2437 mL	1.2183 mL	2.4366 mL
50 mM	0.0487 mL	0.2437 mL	0.4873 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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