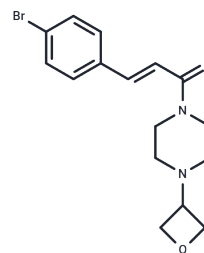


GPR183-IN-1

## Chemical Properties

CAS No. : 2924063-70-5  
 Formula: C<sub>16</sub>H<sub>19</sub>BrN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 351.24  
 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	GPR183-IN-1 (compound 15) is an effective orally active inhibitor of GPR183. It inhibits Ca <sup>2+</sup> mobilization with an IC <sub>50</sub> value of 39.97 nM. GPR183-IN-1 holds potential for research in cancer, autoimmune diseases, pain, and osteoporosis.
Targets(IC <sub>50</sub> )	EBI2/GPR183

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8471 mL	14.2353 mL	28.4706 mL
5 mM	0.5694 mL	2.8471 mL	5.6941 mL
10 mM	0.2847 mL	1.4235 mL	2.8471 mL
50 mM	0.0569 mL	0.2847 mL	0.5694 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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