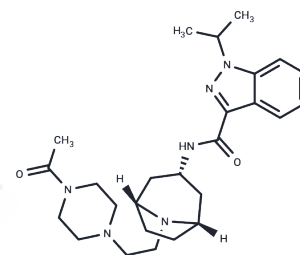


TD-2749

## Chemical Properties

CAS No. : 863248-59-3  
 Formula: C<sub>26</sub>H<sub>38</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 466.62  
 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** TD-2749 is a selective 5-HT<sub>4</sub> agonist discovered by Theravance through multivalent compound design as part of a compound discovery project aimed at finding new treatments for gastrointestinal motility disorders. It is primarily used to treat chronic constipation, constipation-predominant irritable bowel syndrome (C-IBS), opioid-induced constipation, functional dyspepsia, and diabetic gastroparesis.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1431 mL	10.7154 mL	21.4307 mL
5 mM	0.4286 mL	2.1431 mL	4.2861 mL
10 mM	0.2143 mL	1.0715 mL	2.1431 mL
50 mM	0.0429 mL	0.2143 mL	0.4286 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.

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