

BTT-266

## Chemical Properties

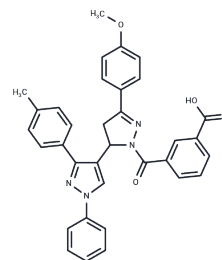
CAS No. : 2413939-89-4

Formula: C<sub>34</sub>H<sub>28</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 556.61

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	BTT-266 is a blocker of voltage-gated calcium channel for pain management.
Targets(IC50)	Calcium Channel

## Solubility Information

Solubility	DMSO: 50 mg/mL (89.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7966 mL	8.983 mL	17.9659 mL
5 mM	0.3593 mL	1.7966 mL	3.5932 mL
10 mM	0.1797 mL	0.8983 mL	1.7966 mL
50 mM	0.0359 mL	0.1797 mL	0.3593 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.

## Reference

Samy MEROUEH, et al. Preparation of pyrazolyl acylpyrazolines for the treatment of pain. WO2020061303A1

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481