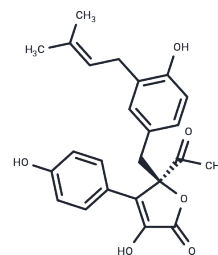


BTL-MK

## Chemical Properties

CAS No. : 2758569-43-4  
 Formula: C<sub>24</sub>H<sub>24</sub>O<sub>6</sub>  
 Molecular Weight: 408.44  
 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	BTL-MK (Compound 19) is an orally active antiallergic agent that inhibits degranulation of mast cells with an IC <sub>50</sub> of 6.7 μM by binding to the inhibitory receptor FcγRIIB. BTL-MK improves metabolic stability in human liver microsomes and ameliorates the allergic response in an Ovalbumin-induced food allergy mice model. It exhibits good pharmacokinetic characteristics with metabolic stability [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4483 mL	12.2417 mL	24.4834 mL
5 mM	0.4897 mL	2.4483 mL	4.8967 mL
10 mM	0.2448 mL	1.2242 mL	2.4483 mL
50 mM	0.049 mL	0.2448 mL	0.4897 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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