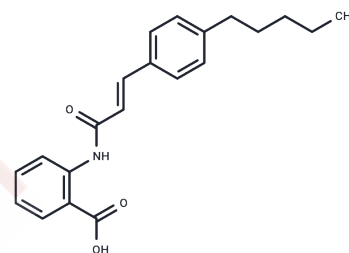


BML264

Chemical Properties

CAS No. : 99196-74-4
 Formula: C₂₁H₂₃NO₃
 Molecular Weight: 337.41
 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	BML264 ((E)-N-(p-ethylcinnamoyl) anthranilic acid) is a potent agonist of TREK-1 (a two-pore domain potassium channel). TREK-1 channels play a central role in regulating neuronal excitability, pain signaling, and cardiovascular function. BML264 is frequently utilized to study pathological conditions associated with TASK-1 dysfunction by modulating potassium currents to alleviate related neurological or metabolic disorders.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9638 mL	14.8188 mL	29.6375 mL
5 mM	0.5928 mL	2.9638 mL	5.9275 mL
10 mM	0.2964 mL	1.4819 mL	2.9638 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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

Feinmark S, et al., Method of treating a condition associated with phosphorylation of TASK-1. US20070259051 A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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