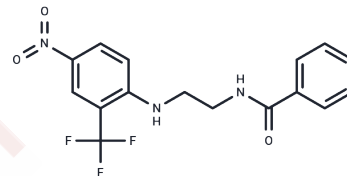


NPBA

Chemical Properties

CAS No. :	524033-40-7
Formula:	C ₁₆ H ₁₄ F ₃ N ₃ O ₃
Molecular Weight:	353.3
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	NPBA, a potassium K2P channel TASK-3 (KCNK9) agonist, concurrently functions as a blocker of the tandem pore domain weak inward rectifying K ⁺ channel (TWIK2). This compound effectively inhibits NLRP3 inflammasome activation in macrophages [1].
Targets(IC50)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8305 mL	14.1523 mL	28.3046 mL
5 mM	0.5661 mL	2.8305 mL	5.6609 mL
10 mM	0.283 mL	1.4152 mL	2.8305 mL
50 mM	0.0566 mL	0.283 mL	0.5661 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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