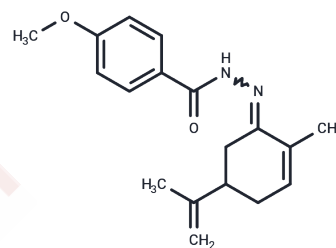


PQM-244

Chemical Properties

CAS No. : 316139-50-1
 Formula: C₁₈H₂₂N₂O₂
 Molecular Weight: 298.38
 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	PQM-244 (Compound 5c) is an orally active multi-target modulator that acts on TRPV1, CB1, and CB2 receptors. It exhibits significant peripheral analgesic effects during both neurogenic and inflammatory phases. PQM-244 also shows potential antioxidant activity with a DPPH radical scavenging IC ₅₀ of 14.15 μM. This compound is applicable for research into chronic pain and inflammatory diseases, such as diabetes, atherosclerosis, and Alzheimer's disease.
Targets(IC ₅₀)	Cannabinoid Receptor, TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3514 mL	16.7572 mL	33.5143 mL
5 mM	0.6703 mL	3.3514 mL	6.7029 mL
10 mM	0.3351 mL	1.6757 mL	3.3514 mL
50 mM	0.067 mL	0.3351 mL	0.6703 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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