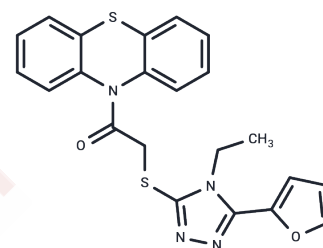


VU0183254

Chemical Properties

CAS No. : 663212-40-6
 Formula: C₂₂H₁₈N₄O₂S₂
 Molecular Weight: 434.53
 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	VU0183254 is an insect olfactory receptors (ORs) agonist acting at a binding site on the Orco subunit, capable of broadly inhibiting odor-mediated OR complex activation.
Targets(IC50)	Others,HCN Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3013 mL	11.5067 mL	23.0134 mL
5 mM	0.4603 mL	2.3013 mL	4.6027 mL
10 mM	0.2301 mL	1.1507 mL	2.3013 mL
50 mM	0.046 mL	0.2301 mL	0.4603 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

Jones PL, Pask GM, Romaine IM, Taylor RW, Reid PR, Waterson AG, Sulikowski GA, Zwiebel LJ. Allosteric antagonism of insect odorant receptor ion channels. PLoS One. 2012;7(1):e30304. doi: 10.1371/journal.pone.0030304. Epub 2012 Jan 17. PubMed PMID: 22272331; PubMed Central PMCID: PMC3260273.

Chen S, Luetje CW. Identification of new agonists and antagonists of the insect odorant receptor co-receptor subunit. PLoS One. 2012;7(5):e36784. doi: 10.1371/journal.pone.0036784. Epub 2012 May 8. PubMed PMID: 22590607; PubMed Central PMCID: PMC3348135.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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