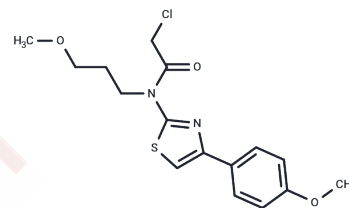


JT010

Chemical Properties

CAS No. : 917562-33-5
 Formula: C₁₆H₁₉ClN₂O₃S
 Molecular Weight: 354.85
 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	JT010 is an effective agonist of TRPA1 (EC ₅₀ = 0.65 nM).
Targets(IC ₅₀)	TRP/TRPV Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (140.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8181 mL	14.0905 mL	28.1809 mL
5 mM	0.5636 mL	2.8181 mL	5.6362 mL
10 mM	0.2818 mL	1.409 mL	2.8181 mL
50 mM	0.0564 mL	0.2818 mL	0.5636 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

Takaya J, et al. A Potent and Site-Selective Agonist of TRPA1. J Am Chem Soc. 2015 Dec 23;137(50):15859-64.

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