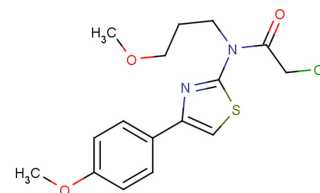


JT010

Chemical Properties

CAS No.:	917562-33-5
Formula:	C ₁₆ H ₁₉ ClN ₂ O ₃ S
Molecular Weight:	354.85
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	JT010 is an effective agonist of TRPA1 (EC ₅₀ : 0.65 nM).
Targets(IC ₅₀)	TRPA1: (EC ₅₀)0.65 nM

Solubility Information

Solubility	DMSO: 120 mg/mL (338.17 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.818 mL	14.09 mL	28.181 mL
5 mM	0.564 mL	2.818 mL	5.636 mL
10 mM	0.282 mL	1.409 mL	2.818 mL
50 mM	0.056 mL	0.282 mL	0.564 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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