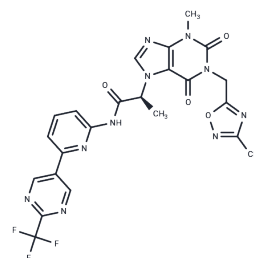


LY3526318

Chemical Properties

CAS No. : 1889218-34-1
 Formula: C23H19F3N10O4
 Molecular Weight: 556.46
 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	LY3526318 is an orally active, selective TRPA1 antagonist with an IC50 of 5-6 μ M. It blocks the TRPA1 channel, inhibiting pain signal transduction mediated by this channel and demonstrating analgesic activity. LY3526318 is primarily utilized in research related to chronic pain, such as diabetic peripheral neuropathic pain, chronic lower back pain, and osteoarthritis-induced pain.
Targets(IC50)	TRP/TRPV Channel
In vitro	LY3526318 effectively inhibits the inward current activation of transient TRPA1 by Allyl Isothiocyanate. The IC50 values for TRPA1 ion channels are 13.5 nM for humans, 55.7 nM for rats, 7.6 nM for dogs, and 8.2 nM for cynomolgus monkeys.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7971 mL	8.9854 mL	17.9707 mL
5 mM	0.3594 mL	1.7971 mL	3.5941 mL
10 mM	0.1797 mL	0.8985 mL	1.7971 mL
50 mM	0.0359 mL	0.1797 mL	0.3594 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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