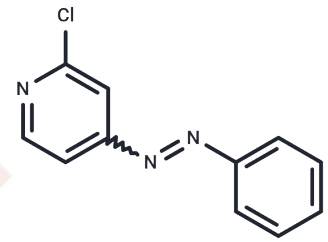


TRPA1 Antagonist 3

Chemical Properties

CAS No. :	71291-80-0
Formula:	C ₁₁ H ₈ ClN ₃
Molecular Weight:	217.66
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	TRPA1 Antagonist 3 is a compound with photoswitchable properties that acts as an agonist on the TRPA1 channel, providing the ability for optical control.
Targets(IC50)	Others,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5943 mL	22.9716 mL	45.9432 mL
5 mM	0.9189 mL	4.5943 mL	9.1886 mL
10 mM	0.4594 mL	2.2972 mL	4.5943 mL
50 mM	0.0919 mL	0.4594 mL	0.9189 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

Qiao Z, et al. Photosensitive and Photoswitchable TRPA1 Agonists Optically Control Pain through Channel Desensitization. J Med Chem. 2021 Nov 11;64(21):16282-16292.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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