

MDR-652

Chemical Properties

CAS No.:	1933528-96-1
Formula:	C ₂₂ H ₂₃ ClFN ₃ O ₂ S
Molecular Weight:	448
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	MDR-652 is a highly specific and efficacious agonist of nonpungent transient receptor potential vanilloid 1 (TRPV1) with Ki value of 11.4 nM and 23.8 nM for hTRPV1 and rTRPV1, respectively. MDR-652 is a potent topical analgesic.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.232 mL	11.161 mL	22.321 mL
5 mM	0.446 mL	2.232 mL	4.464 mL
10 mM	0.223 mL	1.116 mL	2.232 mL
50 mM	0.045 mL	0.223 mL	0.446 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.

Inhibitors · Natural Compounds · Compound Libraries

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

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