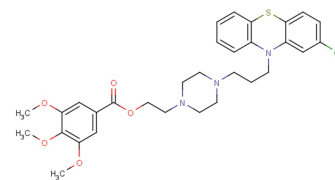


Metofenazate

Chemical Properties

CAS No.:	388-51-2
Formula:	C31H36ClN3O5S
Molecular Weight:	598.15
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Metofenazate is an selective inhibitor of calmodulin .
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	1.672 mL	8.359 mL	16.718 mL
5 mM	0.334 mL	1.672 mL	3.344 mL
10 mM	0.167 mL	0.836 mL	1.672 mL
50 mM	0.033 mL	0.167 mL	0.334 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. Tkachuk VA, et al. Metofenazate as a more selective calmodulin inhibitor than trifluoperazine. *Arzneimittelforschung*. 1987 Sep;37(9):1013-7.

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