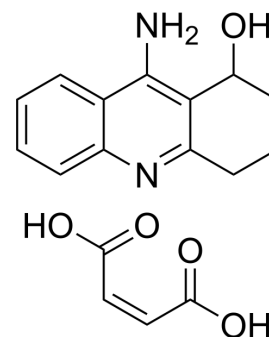


Velnacrine maleate

Cat. No.:	HY-W011246
CAS No.:	118909-22-1
Molecular Formula:	C ₁₇ H ₁₈ N ₂ O ₅
Molecular Weight:	330.34
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 30 mg/mL (90.82 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0272 mL	15.1359 mL	30.2718 mL
	5 mM	0.6054 mL	3.0272 mL	6.0544 mL
	10 mM	0.3027 mL	1.5136 mL	3.0272 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Velnacrine maleate (HP 029) is an orally active cholinesterase inhibitor that can be used for the research of Alzheimer's disease^[1].

REFERENCES

[1]. Murphy MF, et al. Evaluation of HP 029 (velnacrine maleate) in Alzheimer's disease. Ann N Y Acad Sci. 1991;640:253-62.

Caution: Product has not been fully validated for medical applications. For research use only.

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