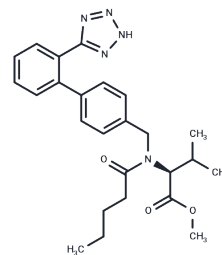


## Valsartan Methyl Ester

## Chemical Properties

CAS No. :	137863-17-3
Formula:	C <sub>25</sub> H <sub>31</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	449.55
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	Valsartan Methyl Ester is a potent angiotensin II receptor antagonist, IC <sub>50</sub> = 0.06uM.
Targets(IC <sub>50</sub> )	RAAS

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (50.05 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2244 mL	11.1222 mL	22.2445 mL
5 mM	0.4449 mL	2.2244 mL	4.4489 mL
10 mM	0.2224 mL	1.1122 mL	2.2244 mL
50 mM	0.0445 mL	0.2224 mL	0.4449 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

Peter Buhlmayer; Pascual Furet; Leoluca Criscione; Marc de Gasparo; Steven Whitebread; Tibur Schmidlin; Rene Lattmann; Jeanette Wood[Bioorganic and medicinal chemistry letters, 1994, vol. 4, # 1, p. 29 - 34].

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