

CL-329167

## Chemical Properties

CAS No. : 143945-39-5

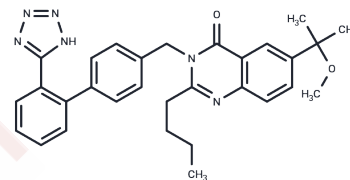
Formula: C<sub>30</sub>H<sub>32</sub>N<sub>6</sub>O<sub>2</sub>

Molecular Weight: 508.61

Store at low temperature

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	CL-329167 (compound 12) is an orally active, competitive angiotensin II receptor antagonist (IC <sub>50</sub> =6 nM) suitable for hypertension research.
Targets(IC <sub>50</sub> )	RAAS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9661 mL	9.8307 mL	19.6614 mL
5 mM	0.3932 mL	1.9661 mL	3.9323 mL
10 mM	0.1966 mL	0.9831 mL	1.9661 mL
50 mM	0.0393 mL	0.1966 mL	0.3932 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

Cachofeiro V, Guan H, Nasjletti A. Contribution of nitric oxide to the acute antihypertensive effect of blockers of AT<sub>1</sub> angiotensin receptors in spontaneously hypertensive rats. Clin Exp Hypertens. 1997 Nov;19(8):1247-61.

Lopez JJ, et al. Distribution and function of cardiac angiotensin AT<sub>1</sub>- and AT<sub>2</sub>-receptor subtypes in hypertrophied rat hearts. Am J Physiol. 1994 Aug;267(2 Pt 2):H844-52.

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