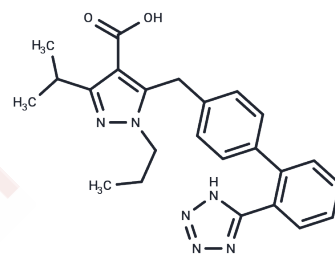


UR-7247

## Chemical Properties

CAS No. :	177847-28-8
Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	430.5
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	UR-7247 is a novel orally active angiotensin II subtype I (AT1) antagonist, demonstrating very long pharmacological effects. <i>in vivo</i> studies indicate no significant difference between 10 mg UR-7247 and 100 mg losartan four hours post-administration, while <i>in vitro</i> blockade with 100 mg losartan exceeds that observed with UR-7247, confirming UR-7247's extended plasma half-life potentially due to high-affinity protein binding, highlighting its long-lasting, well-tolerated AT1 receptor antagonism in healthy subjects.
Targets(IC50)	RAAS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3229 mL	11.6144 mL	23.2288 mL
5 mM	0.4646 mL	2.3229 mL	4.6458 mL
10 mM	0.2323 mL	1.1614 mL	2.3229 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

- Maillard MP, et al. Pharmacologic profile of UR-7247, an orally active angiotensin II AT1 receptor antagonist, in healthy volunteers. p6. *J Cardiovasc Pharmacol.* 2000 Mar;35(3):383-9.
- Alexander Scriabine, et al. *New Cardiovascular Drugs*, XIIIth International Congress of Pharmacology, Munich, Germany, July 26-31, 1998. 16(3):312-317.

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