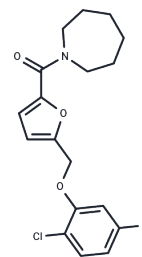


## Anti-osteoporosis agent-7

## Chemical Properties

CAS No. :	445254-59-1
Formula:	C <sub>18</sub> H <sub>19</sub> Cl <sub>2</sub> NO <sub>3</sub>
Molecular Weight:	368.25
Storage:	Keep away from direct sunlight 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	Anti-osteoporosis agent-7 is an anti-osteoporosis agent and osteoclast formation inhibitor. It blocks osteoclast differentiation to reduce bone resorption in vitro.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 80 mg/mL (217.24 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	2.7155 mL	13.5777 mL	27.1555 mL
5 mM	0.5431 mL	2.7155 mL	5.4311 mL
10 mM	0.2716 mL	1.3578 mL	2.7155 mL
50 mM	0.0543 mL	0.2716 mL	0.5431 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

Wada T, Inada Y, Ojima M, et al. Comparison of the antihypertensive effects of the new angiotensin II (AT1) receptor antagonist candesartan cilexetil (TCV-116) and the angiotensin converting enzyme inhibitor enalapril in rats[J]. Hypertension Research, 1996, 19(2): 75-81.

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