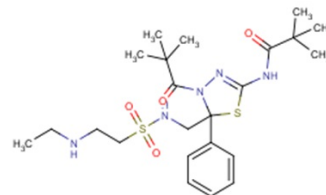


## Litronesib Racemate

## Chemical Properties

CAS No.:	546111-97-1
Formula:	C <sub>23</sub> H <sub>37</sub> N <sub>5</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	511.7
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Litronesib is a selective, allosteric inhibitor of kinesin Eg5. Litronesib (Racemate) is the racemate of litronesib.
Targets(IC <sub>50</sub> )	kinesin Eg5: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.954 mL	9.771 mL	19.543 mL
5 mM	0.391 mL	1.954 mL	3.909 mL
10 mM	0.195 mL	0.977 mL	1.954 mL
50 mM	0.039 mL	0.195 mL	0.391 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. THERAPEUTIC AGENT FOR GLAUCOMA. Japanese Patent JP2006265107

Inhibitors · Natural Compounds · Compound Libraries

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