

Ro 32-7315

## Chemical Properties

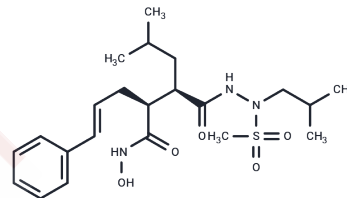
CAS No. : 219613-02-2

Formula: C<sub>22</sub>H<sub>35</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight: 453.6

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	Ro 32-7315 is a selective inhibitor of ADAM17.
Targets(IC50)	MMP,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2046 mL	11.0229 mL	22.0459 mL
5 mM	0.4409 mL	2.2046 mL	4.4092 mL
10 mM	0.2205 mL	1.1023 mL	2.2046 mL
50 mM	0.0441 mL	0.2205 mL	0.4409 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

Liechti FD, Grandgirard D, Leppert D, Leib SL. Matrix metalloproteinase inhibition lowers mortality and brain injury in experimental pneumococcal meningitis. *Infect Immun*. 2014 Apr;82(4):1710-8. doi: 10.1128/IAI.00073-14. Epub 2014 Feb 3. Erratum in: *Infect Immun*. 2014 Oct;82(10):4435. PubMed PMID: 24491581; PubMed Central PMCID: PMC3993388.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481