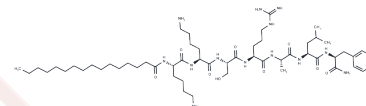


PZ-128

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 371131-16-7 |
| Formula: | C55H99N13O9 |
| Molecular Weight: | 1086.46 |
| Storage: | Keep away from moisture 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 | PZ-128, a PAR1 antagonist, is used potentially for the treatment of thrombosis. |
| Targets(IC50) | Protease-activated Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9204 mL | 4.6021 mL | 9.2042 mL |
| 5 mM | 0.1841 mL | 0.9204 mL | 1.8408 mL |
| 10 mM | 0.092 mL | 0.4602 mL | 0.9204 mL |
| 50 mM | 0.0184 mL | 0.092 mL | 0.1841 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

Gurbel PA, Bliden KP, Turner SE, Tantry US, Gesheff MG, Barr TP, Covic L, Kuliopulos A. Cell-Penetrating Pepducin Therapy Targeting PAR1 in Subjects With Coronary Artery Disease. *Arterioscler Thromb Vasc Biol.* 2016 Jan;36(1):189-97. doi: 10.1161/ATVBAHA.115.306777. PubMed PMID: 26681756; PubMed Central PMCID: PMC4836853.

Zhang P, Gruber A, Kasuda S, Kimmelstiel C, O'Callaghan K, Cox DH, Bohm A, Baleja JD, Covic L, Kuliopulos A. Suppression of arterial thrombosis without affecting hemostatic parameters with a cell-penetrating PAR1 pepducin. *Circulation.* 2012 Jul 3;126(1):83-91. doi: 10.1161/CIRCULATIONAHA.112.091918. PubMed PMID: 22705889; PubMed Central PMCID: PMC3423084.

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