

Boc-LRR-AMC TFA

Chemical Properties

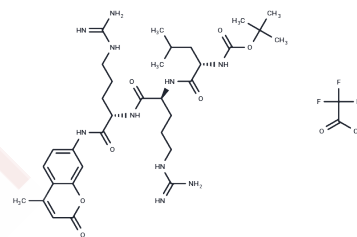
CAS No. :

Formula: C35H53F3N10O9

Molecular Weight: 814.85

Storage: Keep away from moisture, Store at low temperature
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 | Boc-LRR-AMC TFA is a fluorescent protease substrate used to detect the trypsin-like activity of the 26S proteasome or 20S proteasome core. |
| Targets(IC50) | Calcium Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.2272 mL | 6.1361 mL | 12.2722 mL |
| 5 mM | 0.2454 mL | 1.2272 mL | 2.4544 mL |
| 10 mM | 0.1227 mL | 0.6136 mL | 1.2272 mL |
| 50 mM | 0.0245 mL | 0.1227 mL | 0.2454 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

Gruba N, et al. Bladder cancer detection using a peptide substrate of the 20S proteasome. FEBS J. 2016 Aug;283 (15):2929-48.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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