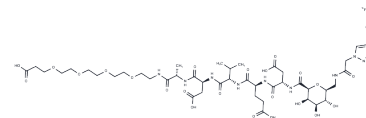


CP-18 F-18

Chemical Properties

CAS No. : 1193087-67-0
Formula: C₄₆H₇₃FN₁₀O₂₃
Molecular Weight: 1152.13
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CP-18 F-18 is a DEVD (the caspase 3 substrate recognition motif) that is an imaging tracer for caspase-3 activity in apoptotic cells.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.868 mL	4.3398 mL	8.6796 mL
5 mM	0.1736 mL	0.868 mL	1.7359 mL
10 mM	0.0868 mL	0.434 mL	0.868 mL
50 mM	0.0174 mL	0.0868 mL	0.1736 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.

Reference

Chen SF, Wei TZ, Rao LY, Xu MG, Dong ZL. CT-1-CP-induced ventricular electrical remodeling in mice. J Huazhong Univ Sci Technolog Med Sci. 2015 Feb;35(1):21-7. doi: 10.1007/s11596-015-1383-8. Epub 2015 Feb 12. PubMed

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