

## Product Information

### Amine/BDP PEG reagent, BDP FL-PEG4-amine, TFA salt, Purity 98%

**Cat. No.:** X24-03-YW0591

**Size:** 5 mg; 10 mg; 25 mg; 100 mg

**CAS Number:** 2183473-14-3

**PubChem CID:** 131954352

**Synonym:** 2183473-14-3; BDP FL-PEG4-amine TFA salt; BDP FL-PEG4-amine;

BDP FL-PEG4-amine TFA; BP-23885

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	BDP FL-PEG4-amine TFA salt is a BDP FL linker containing an amine group and a hydrophilic PEG spacer arm.
<b>Molecular Weight</b>	510.4
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>37</sub> BF <sub>2</sub> N <sub>4</sub> O <sub>5</sub>
<b>Functional Group 1</b>	Amine
<b>Functional Group 2</b>	BDP
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Acid
<b>Reactive Group 2</b>	Carbonyl
<b>Reactive Group 3</b>	NHS
<b>IUPAC Name</b>	<i>N</i> -[2-[2-[2-[2-(2-Aminoethoxy)ethoxy]ethoxy]ethoxy]ethyl]-3-(2,2-difluoro-10,12-dimethyl-3-aza-1-azonia-2-boranuidatricyclo[7.3.0.0 <sup>3,7</sup> ]dodeca-1(12),4,6,8,10-pentaen-4-yl)propanamide
<b>InChI</b>	InChI=1S/C24H37BF2N4O5/c1-19-17-20(2)30-23(19)18-22-4-3-21(31(22)25(30,26)27)5-6-24(32)29-8-10-34-12-14-36-16-15-35-13-11-33-9-7-28/h3-4,17-18H,5-16,28H2,1-2H3,(H,29,32)
<b>InChI Key</b>	AYCLOPCACPMSPT-UHFFFAOYSA-N
<b>Canonical SMILES</b>	[B-]1(N2C(=CC=C2CCC(=O)NCCOCCOCCOCCOCCN)C=C3[N+]1=C(C=C3C)C)(F)F
<b>Form</b>	Liquid
<b>Purity</b>	98%
<b>Solubility</b>	DMSO, DMF, DCM, low solubility in water
<b>Identity</b>	Confirmed by NMR.

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**Applications**

BDP FL-PEG4-amine TFA salt is reactive toward carboxylic acids, NHS esters, and other carbonyl groups, enhancing water solubility of labeled molecules.

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**Storage**

Store at -20°C.

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