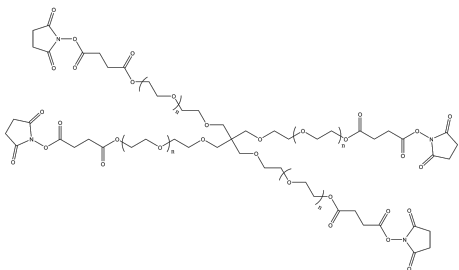


Product Information

BB1-acid

Cat. No.: X24-09-YYX094
Size: 50 mg; 100 mg; 250 mg
CAS Number: 2026591-80-8
PubChem CID: 156598790
Synonym: 2026591-80-8; BB1-acid



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

Product Information	
Description	BB1-acid was employed in an innovative chemoselective "unclickable" bioconjugation method for the specific modification of proteins.
Molecular Weight	467.6
Molecular Formula	C ₂₈ H ₂₉ N ₅ O ₂
Functional Group 1	Acid
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Amine
IUPAC Name	4-[[[1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene]amino]diazenyl]benzoic acid
InChI	InChI=1S/C28H29N5O2/c1-17-13-19(3)25(20(4)14-17)32-11-12-33(26-21(5)15-18(2)16-22(26)6)28(32)30-31-29-24-9-7-23(8-10-24)27(34)35/h7-16H,1-6H3,(H,34,35)
InChI Key	UINYEYRR0DHJQN-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=C(C(=C1)C)N2C=CN(C2=NN=NC3=CC=C(C=C3)C(=O)O)C4=C(C=C(C=C4)C)C)C
Form	Solid
Identity	Confirmed by NMR.
Applications	BB1-acid is employed in a distinctive chemoselective 'unclickable' bioconjugation strategy for the site-specific modification of proteins.
Storage	Store at -20°C.