

Product Name : BTAA

Synonyms : —

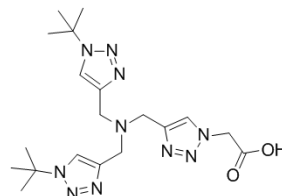
Cat No. : M11329

CAS Number : 1334179-85-9

Molecular Formula : C₁₉H₃₀N₁₀O₂

Formula Weight : 430.51

Chemical Name : 1H-1,2,3-Triazole-1-acetic acid, 4-[[bis[[1-(1,1-dimethylethyl)-1H-1,2,3-triazol-4-yl]methyl]amino]methyl]-



Description : A Cu(I)-stabilizing ligand that shows high activity in accelerating the Cu(I)-catalyzed azide-alkyne cycloaddition (CuAAC); BTAA-Cu(I) catalyst is the optimal choice for cell surface azide-alkyne ligation, mediates CuAAC and copper-free click chemistry.

Pathway : Antibody Drug Conjugates (ADC)

Target : ADCs Linker/Click Chemistry

Receptor : ADCs Linker/Click Chemistry

Solubility : H₂O: ≥ 34 mg/mL

SMILES : CC(C)(C)N1C=C(N=N1)CN(CC2=CN(N=N2)CC(=O)O)CC3=CN(N=N3)C(C)(C)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Loh CT, et al. Bioconjug Chem. 2013 Feb 20;24(2):260-8. 2. Besanceney-Webler C, et al. Angew Chem Int Ed Engl. 2011 Aug 22;50(35):8051-6.