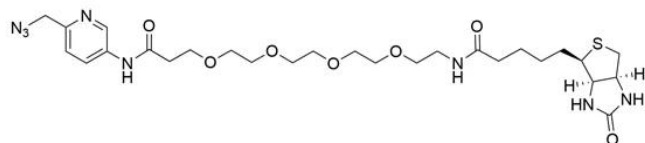


BIOTIN PICOLYL AZIDE

SKU: CCT-1167



Description

Biotin Picolyl Azide is an advanced biotin probe that incorporates a copper-chelating motif to raise the effective concentration of Cu(I) at the reaction site to boosted the efficiency of the CuAAC reaction resulting in a faster and more biocompatible CuAAC labeling. Up to 40-fold increase of signal intensity, compared to conventional azides was reported (see Selected References).

Specifications

Unit Size	5 mg, 25 mg, 100 mg
Molecular weight	622.74
Chemical composition	C ₂₇ H ₄₂ N ₈ O ₇ S
CAS	N/A
Solubility	DMSO, DMF
Purity	>95% (HPLC)
Appearance	Off-white to slightly orange amorphous solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.