

BC-NH2 [2-((4-(Aminomethyl)benzyl)oxy)pyrimidin-4-amine]Catalog number: 12562, 12563
Unit size: 1 mg, 5 mg**Product Details**

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	24 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	230.27
Soluble In	DMSO

Applications

CLIP-tag is a modified version of SNAP-tag. It is also a self-labeling protein derived from human O6-alkylguanine-DNA-alkyltransferase. Instead of benzylguanine derivatives, CLIP tag is engineered to react with benzylcytosine derivatives. It can be used as a protein tag for tagging your protein of interest (POI). BC-NH2 is a carboxy-reactive building block for preparing of CLIP substrates from the NHS esters or other amine-reactive forms of labels or biological targets. This BC-NH2 building block facilitates the development of various CLIP-tag substrates for labeling CLIP-tag fusion proteins for a wide range of biological applications. AAT Bioquest offers a broad range of amine-reactive fluorescent probes and other Tag probes that can be readily coupled to BC-NH2.