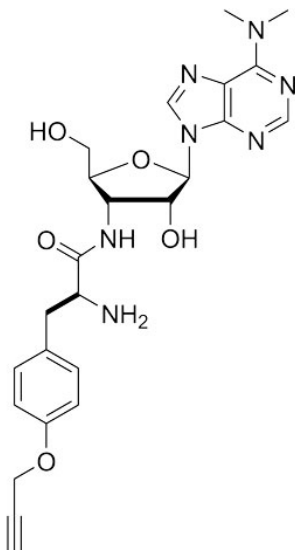


O-PROPARGYL-PUROMYCINE (OPP)

SKU: CCT-1407



Description

O-propargyl-puromycin (OPP) is an alkyne analog of puromycin that is efficiently incorporated into newly translated proteins, which are rapidly turned over by the proteasome and can be visualized or captured by copper(I)-catalyzed azide-alkyne cycloaddition. Unlike methionine analogs, OPP does not require methionine-free conditions and, uniquely, can be used to label and assay nascent proteins in whole organisms.

Specifications

Unit Size	5 mg, 25 mg, 100 mg
Molecular weight	495.54
Chemical composition	C ₂₄ H ₂₉ N ₇ O ₅
CAS	1416561-90-4
Solubility	DMSO, DMF

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

Purity	>95% (HPLC)
Appearance	Off-white to slightly grey crystalline
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

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