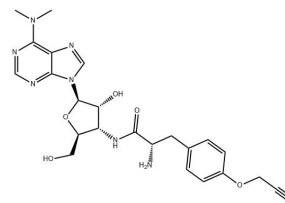


Technical Data Sheet

O-Propargyl-PuroMycin

Compound Information

Product Name:	O-Propargyl-PuroMycin
CAS No.:	1416561-90-4
Molecular Formula:	C ₂₄ H ₂₉ N ₇ O ₅
Molecular Weight:	495.53
Storage:	Store at -20°C
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	O-Propargyl-Puromycin, an alkyne analog of puromycin, is a potent protein synthesis inhibitor.
IUPAC Name	3'-[[[(2S)-2-Amino-1-oxo-3-[4-(2-propyn-1-yloxy)phenyl]propyl]amino]-3'-deoxy-N,N-dimethyladenosine
Form	A crystalline solid
Color	White to off-white
Solubility	DMF: soluble; DMSO: soluble
HPLC	Shows 98.9% purity

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.