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Product Datasheet

O-Propargyl-puromycin-10 %, CAS [[1416561-90-4]] BYT-ORB178364

Article Name	O-Propargyl-puromycin-10 %, CAS [[1416561-90-4]]
Biozol Catalog Number	BYT-ORB178364
Supplier Catalog Number	orb178364
Alternative Catalog Number	BYT-ORB178364-0.5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Liuet al. reported a non-radioactive alternative to analyze newly synthesized proteins in cell culture and whole organisms that is based on O-Propargyl-puromycin, an alkyne analog of puromycin. O-Propargyl-puromycin is cell-permeable and incorporates...
Molecular Weight	Theoretical MW: 495.53 g/mol, Detected MW: 495.22 g/mol
Purity	95% (HPLC)
Form	solid, Color: colorless to slightly white
CAS Number	[1416561-90-4]
Formula	C ₂₄ H ₂₉ N ₇ O ₅
Application Notes	Solubility: DMSO, PBS (up to 50 mM tested) pH adjusted to 5.0. Application Notes: Protein synthesis monitoring in cell culture and whole organisms. Spectroscopic Propertie: λ_{max} 275 nm, ϵ 20.0 L mmol ⁻¹ cm ⁻¹