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## Product Datasheet

### IU1, CAS [[314245-33-5]] BYT-ORB1301067

Article Name	IU1, CAS [[314245-33-5]]
Biozol Catalog Number	BYT-ORB1301067
Supplier Catalog Number	orb1301067
Alternative Catalog Number	BYT-ORB1301067-1,BYT-ORB1301067-5,BYT-ORB1301067-10,BYT-ORB1301067-25,BYT-ORB1301067-50,BYT-ORB1301067-100
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	IU1 is a cell-permeable, reversible, and specific inhibitor of the human deubiquitinase USP14, with a reported IC50 of 4.7 µM. It is a valuable research tool for studying proteasome function, protein turnover, and neurodegenerative disease mechanisms...
Molecular Weight	300.37
Purity	99.30% (May vary between batches)
CAS Number	[314245-33-5]
Formula	C18H21FN2O
Target	DUB,Autophagy
Application Notes	Solubility: DMSO:48 mg/mL (159.8 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.33 mM),Ethanol:15 mg/mL (49.94 mM)