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## Product Datasheet

### IRE1alpha kinase-IN-1, CAS [[2328097-41-0]] BYT-ORB1298021

Article Name	IRE1alpha kinase-IN-1, CAS [[2328097-41-0]]
Biozol Catalog Number	BYT-ORB1298021
Supplier Catalog Number	orb1298021
Alternative Catalog Number	BYT-ORB1298021-1, BYT-ORB1298021-1, BYT-ORB1298021-10, BYT-ORB1298021-100, BYT-ORB1298021-25, BYT-ORB1298021-5, BYT-ORB1298021-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	IRE1alpha kinase-IN-1 is a potent and selective inhibitor of IRE1alpha (ERN1), with an IC50 of 77 nM for kinase and 80 nM for RNase activity, showing 100-fold selectivity over IRE1beta. It blocks ER stress-induced oligomerization and autophosphorylat...
Molecular Weight	504.99
Purity	99.70% (May vary between batches)
CAS Number	[2328097-41-0]
Formula	C26H26ClFN8
Target	IRE1
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (1.98 mM),DMSO:10 mg/mL (19.8 mM)