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Product Datasheet

LIT-001, CAS [[2245072-21-1]] BYT-ORB1309476

Article Name	LIT-001, CAS [[2245072-21-1]]
Biozol Catalog Number	BYT-ORB1309476
Supplier Catalog Number	orb1309476
Alternative Catalog Number	BYT-ORB1309476-1, BYT-ORB1309476-1, BYT-ORB1309476-10, BYT-ORB1309476-100, BYT-ORB1309476-200, BYT-ORB1309476-25, BYT-ORB1309476-5, BYT-ORB1309476-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	LIT-001 is a novel, nonpeptide oxytocin receptor agonist (Ki = 226 nM, EC50 = 55 nM) shown to enhance social interaction in a murine autism model. This small molecule tool compound is valuable for in vitro binding assays and in vivo behavioral studie...
Molecular Weight	645.7
Purity	98.25% (May vary between batches)
CAS Number	[2245072-21-1]
Formula	C30H34F3N7O4S
Target	Oxytocin Receptor
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (7.74 mM),DMSO:247 mg/mL (382.53 mM)