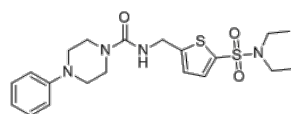


Product Name	: T5910047	
Synonyms	: T-5910047;T 5910047	
Cat No.	: M16793	
CAS Number	: 950003-29-9	
Molecular Formula	: C20H28N4O3S2	
Formula Weight	: 436.59	
Chemical Name	: N-((5-(N,N-diethylsulfamoyl)thiophen-2-yl)methyl)-4-phenylpiperazine-1-carboxamide	
Description	: T5910047 (T-5910047) is a small molecule inhibitor of MyD88-dependent signaling pathways, disrupts MyD88 homodimeric formation; inhibits SEB-induced inhibition of cytokine production in PBMCs with IC50 of 2-10 uM, also inhibits SEA-induced pro-inflammatory cytokine production, shows no toxicity in primary cells up to 100 uM.	
Pathway	: Immunology/Inflammation	
Target	: MyD88	
Receptor	: MyD88	
Solubility	: —	
SMILES	: O=C(N1CCN(C2=CC=CC=C2)CC1)NCC3=CC=C(S(=O)(N(CC)CC)=O)S3	
Storage	: (-20℃)	
Stability	: ≥ 2 years	
Reference	:	

1. Olson MA, et al. Sci Rep. 2015 Sep 18;5:14246.