

Product Name	: RO2959 Hydrochloride
Synonyms	: RO2959 HCl
Cat No.	: M23387
CAS Number	: 1219927-22-6
Molecular Formula	: C ₂₁ H ₂₀ ClF ₂ N ₅ O ₅
Formula Weight	: 463.9
Chemical Name	: —
Description	: RO2959 hydrochloride is a potent and selective inhibitor of CRAC channel(IC ₅₀ : 402 nM). It is also a potent inhibitor of human IL-2.
Pathway	: GPCR/G Protein
Target	: Calcium Channel
Receptor	: CRAC channel;IL-2
Solubility	: DMSO:10 mM
SMILES	: <chem>CC1=C(CN(CC1)C2=NC=C(S2)C)C3=CN=C(C=N3)NC(=O)C4=C(C=CC=C4F)F.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Chen G, Panicker S, Lau KY, Apparsundaram S, Patel VA, Chen SL, Soto R, Jung JK, Ravindran P, Okuhara D, Bohnert G, Che Q, Rao PE, Allard JD, Badi L, Bitter HM, Nunn PA, Narula SK, DeMartino JA. Characterization of a novel CRAC inhibitor that potently blocks human T cell activation and effector functions. Mol Immunol. 2013 Jul;54(3-4):355-67.