

Product Name	: Cisd2 agonist 1
Synonyms	: —
Cat No.	: M37138
CAS Number	: 2916371-54-3
Molecular Formula	: C ₁₄ H ₁₃ FN ₂ O ₃ S
Formula Weight	: 308.33
Chemical Name	: —
Description	Cisd2 agonist 1 (Compound 4q) is a Cisd2 agonist (EC ₅₀ : 34 nM). Cisd2 agonist 1 enhances the Cisd2 expression and improves the pathological changes in the fatty livers. Cisd2 agonist 1 has good metabolic stability. Cisd2 agonist 1 can be used for research of NAFLD.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: In Vitro: ?DMSO : 100 mg/mL (324.33 mM; Ultrasonic)
SMILES	: <chem>O=C(OC)C1=C(SC(C(=O)NC2=CC=C(F)C=C2)=C1C)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yao CH, et al. Discovery of tetrasubstituted thiophenes as Cisd2 activators: A potential novel therapeutic option in nonalcoholic fatty liver disease. Eur J Med Chem. 2023 Oct 5;258:115583.?