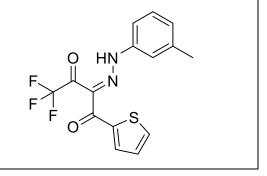
Product data sheet



MedKoo Cat#: 531864					
Name: GR148672X					
CAS: 263890-70-6					
Chemical Formula: C ₁₅ H ₁₁ F ₃ N ₂ O ₂ S					
Exact Mass: 340.0493					
Molecular Weight: 340.3202					
Product supplied as:	Powder				
Purity (by HPLC):	$\geq 98\%$				
Shipping conditions	Ambient temperature				
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years.				
	In solvent: -80°C 3 months; -20°C 2 weeks.				



1. Product description:

GR148672X is a TGH inhibitor.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under "QC And Documents" section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	41.67	122.44

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.94 mL	14.69 mL	29.38 mL
5 mM	0.59 mL	2.94 mL	5.88 mL
10 mM	0.29 mL	1.47 mL	2.94 mL
50 mM	0.06 mL	0.29 mL	0.59 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of "Calculator"

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study			
TBD			

7. Bioactivity

Biological target:

GR148672X is a triacyglycerol hydrolase (TGH) inhibitor with an IC₅₀ of 4 nM extracted from patent WO 2001016358 A2.

In vitro activity TBD

In vivo activity

TBD

Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.