

## Z-CITCO

## Chemical Properties

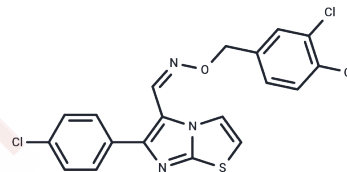
CAS No. : 2583138-04-7

Formula: C<sub>19</sub>H<sub>12</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight: 436.70

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Z-CITCO acts as an agonist for the constitutive androstane receptor (CAR; with an EC <sub>50</sub> of 3.9 μM in human receptor reporter assays) and is the cis isomer of the CAR agonist CITCO.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMF: 20 mg/mL (45.8 mM), Sonication is recommended. DMSO: 10 mg/mL (22.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2899 mL	11.4495 mL	22.899 mL
5 mM	0.458 mL	2.2899 mL	4.5798 mL
10 mM	0.229 mL	1.145 mL	2.2899 mL
50 mM	0.0458 mL	0.229 mL	0.458 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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