

**Product Name** : FXR-sHE modulator 57

**Synonyms** : —

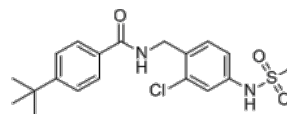
**Cat No.** : M13389

**CAS Number** : 2129523-23-3

**Molecular Formula** : C<sub>19</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>3</sub>S

**Formula Weight** : 394.91

**Chemical Name** : 4-(tert-Butyl)-N-(2-chloro-4-(methylsulfonylamido)benzyl)-benzamide



**Description** : A potent, orally active dual modulator of FXR and soluble epoxide hydrolase (sEH) that exerts partial FXR agonism (pEC<sub>50</sub>=7.7) and sEH inhibitory activity (pIC<sub>50</sub>=8.4); demonstrates antisteatotic and antifibrotic effects and potential for nonalcoholic steatohepatitis (NASH) management with low toxicity, and pilot in vivo data revealed favorable pharmacokinetics.

**Pathway** : Metabolic Enzyme/Protease

**Target** : FXR

**Receptor** : FXR

**Solubility** : —

**SMILES** : —

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Schmidt J, et al. J Med Chem. 2017 Sep 28;60(18):7703-7724.