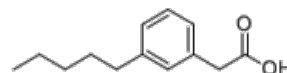


Product Name : PBI-4050
Synonyms : Setogepram;PBI4050
Cat No. : M10026
CAS Number : 1002101-19-0
Molecular Formula : C₁₃H₁₈O₂
Formula Weight : 206.29
Chemical Name : (3-pentylphenyl)acetic acid



Description : PBI-4050 (Setogepram, PBI4050) is a synthetic analog of a medium-chain fatty acid that displays agonist and antagonist ligand affinity toward GPR40 and GPR84, respectively; PBI-4050 significantly attenuated fibrosis in many injury contexts, as evidenced by the antifibrotic activity observed in kidney, liver, heart, lung, pancreas, and skin fibrosis models; PBI-4050 is a first-in-class compound that may be effective for managing inflammatory and fibrosis-related diseases. Fibrosis Phase 2 Clinical

Pathway : GPCR/G Protein

Target : FFAR

Receptor : FFAR

Solubility : —

SMILES : O=C(O)CC1=CC=CC(CCCCC)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gagnon L, et al. Am J Pathol. 2018 May;188(5):1132-1148. | 2. Li Y, et al. JCI Insight. 2018 May 17;3(10). pii: 120365.