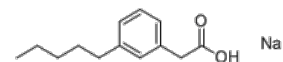


Product Name : PBI-4050 sodium
Cat. No. : PC-35465
CAS No. : 1254472-97-3
Molecular Formula : C₁₃H₁₈NaO₂
Molecular Weight : 229.275
Target : Free Fatty Acid Receptor (FFAR)
Solubility : 10 mM in DMSO



Biological Activity

PBI-4050 (Setogepam, Fezagepras) sodium 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.

References

Gagnon L, et al. Am J Pathol. 2018 May;188(5):1132-1148.

Li Y, et al. JCI Insight. 2018 May 17;3(10). pii: 120365.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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