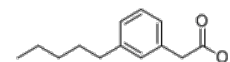


**Product Name** : PBI-4050  
**Cat. No.** : PC-35464  
**CAS No.** : 1002101-19-0  
**Molecular Formula** : C<sub>13</sub>H<sub>18</sub>O<sub>2</sub>  
**Molecular Weight** : 206.285  
**Target** : Free Fatty Acid Receptor (FFAR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

PBI-4050 (Setogepam, Fezagepras) 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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