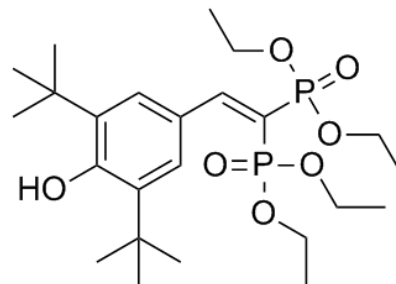


Product Name : SR12813
Cat. No. : PC-42261
CAS No. : 126411-39-0
Molecular Formula : C₂₄H₄₂O₇P₂
Molecular Weight : 504.5336
Target : Pregnane X Receptor (PXR)
Solubility : 10 mM in DMSO



Biological Activity

SR12813 (GW485801) is potent and efficacious **pregnane X receptor (PXR)** activator with EC₅₀ of 200 and 700 nM for human and rabbit PXR, respectively.

SR12813 (GW485801) only shows weak activation for rat and mouse PXR.

SR12813 (GW485801) inhibits cholesterol synthesis (IC₅₀=1.2 μM) with no effect on fatty acid synthesis, reduces cellular HMG-CoA reductase activity with IC₅₀ of 0.85 μM.

SR12813 (GW485801) induce CYP3A expression in primary hepatocytes.

References

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

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