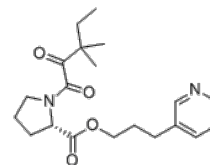


Product Name : GPI-1046
Cat. No. : PC-63577
CAS No. : 186452-09-5
Molecular Formula : C₂₀H₂₈N₂O₄
Molecular Weight : 360.454
Target : mTOR
Solubility : 10 mM in DMSO



Biological Activity

GPI-1046 is a non-immunosuppressive ligand of the immunophilin FKBP12.

GPI-1046 induces ARNT expression with subsequent activation of ALK3-dependent canonical BMP signaling responses and attenuates chronic organ failure in models of chronic kidney, but also cardiac and liver injuries; reduces ethanol consumption in part through activation of GLT1 in alcohol-preferring rats.

References

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Sari Y, et al. Neuroscience. 2012 Dec 27;227:327-35.

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

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