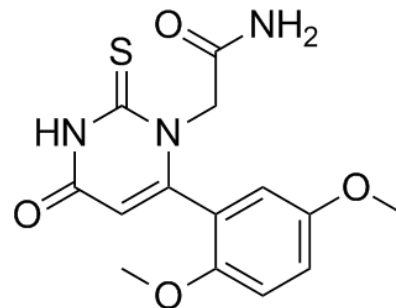


Product Name : PF-1355
Cat. No. : PC-42279
CAS No. : 1435467-38-1
Molecular Formula : C₁₄H₁₅N₃O₄S
Molecular Weight : 321.3516
Target : Other Targets
Solubility : DMSO: 8.75 mg/mL



Biological Activity

PF-1355 is a potent, selective, orally active **Myeloperoxidase (MPO)** inhibitor with EC₅₀ of 1.47 μM.

PF-1355 shows high selectivity over the closely related and clinically relevant thyroid peroxidase enzyme.

PF-1355 inhibits MPO activity in LPS-treated human blood with EC₅₀ of 2.03 μM, blocks HOCl formation in biochemical and cellular assays.

PF-1355 completely blocks kidney injury acutely and prevented any progressive disease in anti-GBM glomerulonephritis.

References

Zheng W, et al. *J Pharmacol Exp Ther.* 2015 May;353(2):288-98.

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

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