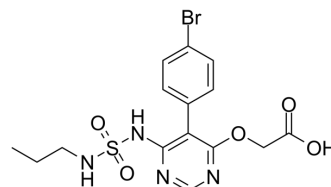


ACT-373898

Cat. No.:	HY-135500
CAS No.:	1433875-14-9
Molecular Formula:	C ₁₅ H ₁₇ BrN ₄ O ₃ S
Molecular Weight:	445.29
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ACT-373898 is an inactive carboxylic acid metabolite of Macitentan. Macitentan is an orally active, non-peptide dual ETA and ETB (endothelin receptor) antagonist ^[1] .
In Vitro	The elimination half-life (t _{1/2}) is approximately 16 h for Macitentan, and ACT-373898 has a similar pharmacokinetic (PK) profile to Macitentan ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shirin Bruderer, et al. Effect of cyclosporine and rifampin on the pharmacokinetics of macitentan, a tissue-targeting dual endothelin receptor antagonist. AAPS J. 2012 Mar;14(1):68-78.

Caution: Product has not been fully validated for medical applications. For research use only.

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