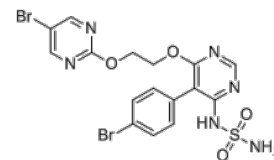


Product Name : Aprocitentan
Cat. No. : PC-60030
CAS No. : 1103522-45-7
Molecular Formula : C₁₆H₁₄Br₂N₆O₄S
Molecular Weight : 546.194
Target : Endothelin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Aprocitentan (ACT132577) is the major and pharmacologically active metabolite of Macitentan, an orally active, dual **endothelin receptor** antagonist with IC₅₀s of 3.4 nM and 987 nM for ETA/ETB receptor respectively, inhibits ET-1 and ET-2-induced contractions in functional assays.

References

- Iglarz M, et al. *J Pharmacol Exp Ther.* 2008 Dec;327(3):736-45.
Kummer O, et al. *Eur J Pharm Sci.* 2009 Nov 5;38(4):384-8.
Sidharta PN, et al. *Eur J Clin Pharmacol.* 2011 Oct;67(10):977-84.

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

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