

Product Name : Etamicastat hydrochloride
Cat. No. : PC-22597
CAS No. : 677773-32-9
Molecular Formula : C₁₄H₁₆ClF₂N₃OS
Molecular Weight : 347.81
Target : Dopamine beta-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

Etamicastat hydrochloride (BIA 5-453 hydrochloride) is a potent, peripherally selective and reversible dopamine- β -hydroxylase (D β H) inhibitor with IC₅₀ of 107 nM, reduces the biosynthesis of norepinephrine (noradrenaline).

References

- Beliaev A, et al. J Med Chem. 2006 Feb 9;49(3):1191-7.
Loureiro AI, et al. Eur J Pharmacol. 2014 Oct 5;740:285-94.

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

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