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产品名称: **BMS 182874 Hydrochloride**

CAS 号: **1215703-04-0**

产品货号: **T45587**

生物活性:

Description	BMS 182874 hydrochloride is an orallyactive, highly selective endothelin receptor (ETA receptor) antagonist, with IC50 value of 0.150 μ M, Ki of 0.055 μ M. BMS 182874 hydrochloride reduces the arterial pressure of Deoxycorticosterone acetate induced hypertension model in rats, and can be used for cardiovascular disease research[1].
In Vitro	BMS 182874 hydrochloride (dimethyla minoanalogue 11) 是 ETA 诱导的细胞内 Ca ²⁺ 增加的有效的功能拮抗剂, 在 vsm -A10 细胞中的 IC50 值为 0.150 μ M, Ki 值为 0.055 μ M, 在兔颈动脉环中 KB 值为 0.520 μ M[1]。
In Vivo	BMS 182874 hydrochloride (100 μ M/kg; 单次口服) 使动脉血压从对照水平缓慢下降 25%。给药 12 和 24 小时后, 动脉血压仍比对照水平低 12%[1]。
参考文献	[1]. Abdullaha M, et.al. Methoxy-naphthyl-Linked N-Benzyl Pyridinium Styryls as Dual Cholinesterase Inhibitors: Design, Synthesis, Biological Evaluation, and Structure-Activity Relationship. ACS Omega. 2023 May 9;8(20):17591-17608.