

Product Name	: BMS-823778
Synonyms	: BMS823778
Cat No.	: M10497
CAS Number	: 1140898-87-8
Molecular Formula	: C ₁₈ H ₁₈ ClN ₃ O · HCl
Formula Weight	: 364.27
Chemical Name	: 3-[1-(4-Chlorophenyl)cyclopropyl]-α,α-dimethyl-1,2,4-triazolo[4,3-a]pyridine-8-methanol hydrochloride
Description	: BMS-823778 (BMS823778) is an orally available, potent and selective inhibitor of 11βHSD-1 with IC ₅₀ of 2.3 nM, displays >10,000-fold selectivity over 11βHSD-2; exhibits robust acute pharmacodynamic effects in cynomolgus monkeys (ED ₅₀ =0.6mg/Kg) and in diet-induced obese (DIO) mice (ED ₅₀ =34 mg/Kg), also showed excellent inhibition in an ex vivo adipose DIO mouse model (ED ₅₀ =5.2 mg/Kg). Diabetes Phase 2 Clinical
Pathway	: Metabolic Enzyme/Protease
Target	: 11β-HSD
Receptor	: 11β-HSD
Solubility	: —
SMILES	: <chem>CC(C)(C1=CC=CN2C1=NN=C2C3(CC3)C4=CC=C(C=C4)Cl)O.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Cheng Y, et al. Br J Clin Pharmacol. 2018 Jan;84(1):130-141. | 2. Jun Li, et al. Discovery of Clinical Candidate BMS-823778 as an Inhibitor of Human 11β-Hydroxysteroid Dehydrogenase Type 1 (11β-HSD-1). ACS Med. Chem. Lett. 2018 Nov. DOI: 10.1021/acsmmedchemlett.8b00307.