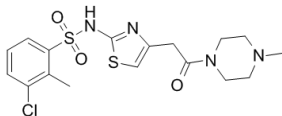


Product Name	: BVT-2733	
Synonyms	: BVT2733;BVT 2733	
Cat No.	: M14299	
CAS Number	: 376640-41-4	
Molecular Formula	: C ₁₇ H ₂₁ ClN ₄ O ₃ S ₂	
Formula Weight	: 428.96	
Chemical Name	Benzenesulfonamide, 3-chloro-2-methyl-N-[4-[2-(4-methyl-1-piperazinyl)-2-oxoethyl]-2-thiazolyl]-	
Description	A non-steroidal, isoform-selective inhibitor of mouse 11β-HSD1 with K _i of 1 uM; displays >20-fold selectivity over 11β-HSD2; lowers hepatic PEPCCK and glucose-6-phosphatase mRNA, blood glucose and serum insulin concentrations in a hyperglycaemic and hyperinsulinaemic mouse model. Diabetes Preclinical	
Pathway	Metabolic Enzyme/Protease	
Target	11β-HSD	
Receptor	11β-HSD1	
Solubility	10 mM in DMSO	
SMILES	<chem>CN1CCN(C(CC2=CSC(NS(=O)O)(C3=CC=CC(Cl)=C3C)=O)=N2)=O)CC1</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1. Alberts P, et al. Diabetologia. 2002 Nov;45(11):1528-32. | 2. Alberts P, et al. Endocrinology. 2003 Nov;144(11):4755-62. | 3. Wang L, et al. PLoS One. 2012;7(7):e40056.