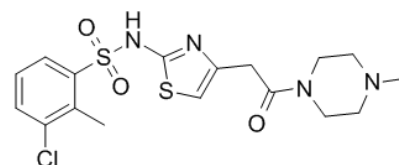


Product Name : BVT-2733
Cat. No. : PC-45406
CAS No. : 376640-41-4
Molecular Formula : C₁₇H₂₁ClN₄O₃S₂
Molecular Weight : 428.9566
Target : 11 β -HSD
Solubility : 10 mM in DMSO



Biological Activity

BVT-2733 (BVT2733) is a non-steroidal, isoform-selective inhibitor of mouse **11 β -HSD1** with K_i of 1 μ M.

BVT-2733 displays >20-fold selectivity over 11 β -HSD2.

BVT-2733 lowers hepatic PEPCK and glucose-6-phosphatase mRNA, blood glucose and serum insulin concentrations in a hyperglycaemic and hyperinsulinaemic mouse model.

References

Alberts P, et al. *Diabetologia*. 2002 Nov;45(11):1528-32.

Alberts P, et al. *Endocrinology*. 2003 Nov;144(11):4755-62.

Wang L, et al. *PLoS One*. 2012;7(7):e40056.

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

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