

Product Name	: CSRM617 hydrochloride
Synonyms	: —
Cat No.	: M32871
CAS Number	: 1353749-74-2
Molecular Formula	: C ₁₀ H ₁₄ ClN ₃ O ₅
Formula Weight	: 291.69
Chemical Name	: —
Description	CSRM617 hydrochloride is a selective small-molecule inhibitor of the transcription factor ONECUT2 (OC2, a master regulator of androgen receptor) with a K _d of 7.43 uM in SPR assays, binding to OC2-HOX domain directly. CSRM617 hydrochloride induces apoptosis by appearance of cleaved Caspase-3 and PARP. CSRM617 hydrochloride is well tolerated in the prostate cancer mouse model
Pathway	: Apoptosis
Target	: Apoptosis
Receptor	: Apoptosis Androgen Receptor
Solubility	: In Vitro: ?DMSO : 125 mg/mL (428.54 mM; Ultrasonic)
SMILES	: Cl.NC(CO)C(=O)NN=C1c1ccc(O)c(O)c1O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Rotinen M, et, al. ONECUT2 is a targetable master regulator of lethal prostate cancer that suppresses the androgen axis. Nat Med. 2018 Dec;24(12):1887-1898. ?