

Product Datasheet

CLP-290 (orb654670)

Description	CLP290 (CLP-290) is an orally active small molecule K ⁺ -Cl ⁻ cotransporter isotype 2 (KCC2) activator, the carbamate prodrug of CLP257; In vivo co-treatment with morphine and oral CLP290 prevented membrane KCC2 downregulation in SDH neurons. Concurrently, co-treatment with CLP290 significantly mitigated MIH and acute administration of CLP257 in established MIH restored normal nociceptive behavior.
Note	For research use only
Formula	C ₁₉ H ₂₁ FN ₄ O ₃ S
MW	404.46
CAS Number	[1181083-81-7]
SMILES	<chem>N(C(OC1=CC(F)=CC=C1/C=C1\SC(N2NCCCC2)=NC(=O)=O)1CCCC1</chem>
Expiration Date	12 months from date of receipt.

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