

Product Datasheet

Branaplam hydrochloride (orb1473134)

Description	Branaplam (LMI070; NVS-SM1) hydrochloride is a highly potent, selective and orally active survival motor neuron-2 (SMN2) splicing modulator with an EC50 of 20 nM for SMN. Branaplam hydrochloride inhibits human-ether-a-go-go-related gene (hERG) with an IC50 of 6.3 μ M. Branaplam hydrochloride elevates full-length SMN protein and extends survival in a severe spinal muscular atrophy (SMA) mouse model.
Note	For research use only
Formula	$C_{22}H_{28}ClN_5O_2$
MW	429.94
CAS Number	[1562338-39-9]
SMILES	<chem>OC1C=C(C2=CN=C2)C=CC=1C1N=NC(OC2CC(C)(C)NC(C)(C)C2)=CC=1.Cl</chem>
Expiration Date	12 months from date of receipt.

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