

Product Name	: LIN28 inhibitor LI71
Synonyms	: —
Cat No.	: M22370
CAS Number	: 1357248-83-9
Molecular Formula	: C ₂₁ H ₂₁ NO ₃
Formula Weight	: 335.4
Chemical Name	: —
Description	LIN28 inhibitor LI71 is a potent and cell-permeable LIN28 inhibitor, which abolishes LIN28-mediated oligouridylation with an IC ₅₀ of 7 uM. LIN28 inhibitor LI71 directly binds the cold shock domain (CSD) to suppress LIN28's activity against let-7 in leukemia cells and embryonic stem cells.?
Pathway	: Chromatin/Epigenetic
Target	: MicroRNA
Receptor	: LIN28
Solubility	: —
SMILES	: <chem>O=C(O)C1=CC=C(C([C@@H]2NC3=C(C=CC=C3OCC)[C@@]4([H])[C@]2([H])CC=C4)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wang L, et al. Small-Molecule Inhibitors Disrupt let-7 Oligouridylation and Release the Selective Blockade of let-7 Processing by LIN28. Cell Rep. 2018 Jun 5;23(10):3091-3101.