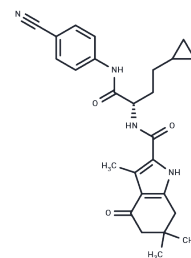


RK-701

Chemical Properties

CAS No. : 2648855-18-7
Formula: C₂₆H₃₀N₄O₃
Molecular Weight: 446.54
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	RK-701, a highly selective and non-genotoxic G9a inhibitor, exhibits an IC ₅₀ value of 23-27 nM. It selectively up-regulates HbF, γ-Globin, and BGLT3 expression while down-regulating H3K9me2 expression. Additionally, RK-701 inhibits BCL11A and ZBTB7A.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2394 mL	11.1972 mL	22.3944 mL
5 mM	0.4479 mL	2.2394 mL	4.4789 mL
10 mM	0.2239 mL	1.1197 mL	2.2394 mL
50 mM	0.0448 mL	0.2239 mL	0.4479 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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