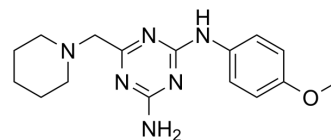


BRD32048

Cat. No.: HY-116785
CAS No.: 433694-46-3
Molecular Formula: C₁₆H₂₂N₆O
Molecular Weight: 314.39
Target: DNA/RNA Synthesis
Pathway: Cell Cycle/DNA Damage
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (397.60 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1808 mL	15.9038 mL	31.8076 mL
	5 mM	0.6362 mL	3.1808 mL	6.3615 mL
	10 mM	0.3181 mL	1.5904 mL	3.1808 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

BRD32048 is a direct binder of ETV1 with a K_D of 17.1 μM. BRD32048 modulates both ETV1-mediated transcriptional activity and invasion of ETV1-driven cancer cells. BRD32048 inhibits ETV1 acetylation and promotes its degradation. BRD32048 acts as a top candidate ETV1 perturbagen^[1].

REFERENCES

[1]. Marius S Pop, et al. A small molecule that binds and inhibits the ETV1 transcription factor oncoprotein. Mol Cancer Ther. 2014 Jun;13(6):1492-502.

Caution: Product has not been fully validated for medical applications. For research use only.

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