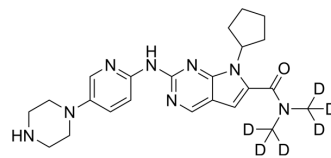


Ribociclib-d₆

Cat. No.:	HY-15777S		
CAS No.:	1328934-40-2		
Molecular Formula:	C ₂₃ H ₂₄ D ₆ N ₈ O		
Molecular Weight:	440.57		
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Ribociclib-d₆ is a deuterium labeled Ribociclib. Ribociclib is a highly specific CDK4/6 inhibitor with IC₅₀ values of 10 nM and 39 nM, respectively, and is over 1,000-fold less potent against the cyclin B/CDK1 complex[1].

REFERENCES

[1]. VanArsdale T, et al. Molecular Pathways: Targeting the Cyclin D-CDK4/6 Axis for Cancer Treatment. Clin Cancer Res. 2015 Jul 1;21(13):2905-10.

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

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