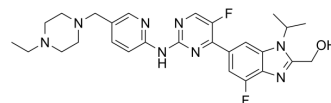


## Abemaciclib metabolite M20

Cat. No.:	HY-129336		
CAS No.:	2138499-06-4		
Molecular Formula:	C <sub>27</sub> H <sub>32</sub> F <sub>2</sub> N <sub>8</sub> O		
Molecular Weight:	522.59		
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5 mg/mL (9.57 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9135 mL	9.5677 mL	19.1355 mL
5 mM	0.3827 mL	1.9135 mL	3.8271 mL
10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

Abemaciclib metabolite M20 (LSN3106726), the active metabolite of Abemaciclib, is a selective CDK4/6 inhibitor for the treatment of cancer<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

CDK4

CDK6

### CUSTOMER VALIDATION

- Pharmacol Res. 2021 Oct 23;105954.
- J Pharm Biomed Anal. 2022: 115211.
- J Pharmaceut Biomed. 2021, 114225.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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## REFERENCES

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[1]. Morschhauser F, et al. Clinical activity of abemaciclib in patients with relapsed or refractory mantle cell lymphoma - a phase II study. *Haematologica*. 2021;106(3):859-862. Published 2021 Mar 1.

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

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