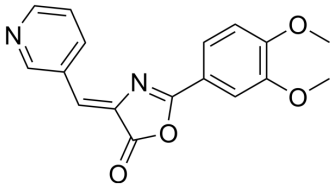
DAPK-IN-2

Cat. No.:	HY-153595
CAS No.:	304000-05-3
Molecular Formula:	$C_{17}H_{14}N_2O_4$
Molecular Weight:	310.3
Target:	Others
Pathway:	Others

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2 mg/mL (6.45 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.2227 mL	16.1134 mL	32.2269 mL
	5 mM	0.6445 mL	3.2227 mL	6.4454 mL
	10 mM	---	---	---

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

In Vivo

1. Add each solvent one by one: 82% DMSO >> 18% EtOH
   Solubility: 3.33 mg/mL (10.73 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

DAPK-IN-2 is a DAPK inhibitor. DAPK-IN-2 can be used for the research of cerebral infarction and ischemic diseases[1].

In Vitro

DAPK-IN-2 (10 μM) has 36% inhibition for DAPK3[1].
DAPK-IN-2 (1 μM) has 14% inhibition for DAPK3[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Okamoto M, et al. Structure-activity relationship of novel DAPK inhibitors identified by structure-based virtual screening. Bioorg Med Chem. 2010;18(7):2728-2734.

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

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