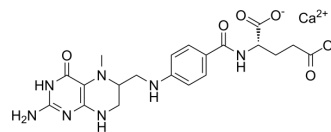


Calcium N5-methyltetrahydrofolate

Cat. No.:	HY-17557		
CAS No.:	26560-38-3		
Molecular Formula:	C ₂₀ H ₂₃ CaN ₇ O ₆		
Molecular Weight:	497.52		
Target:	Antifolate		
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



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (201.00 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0100 mL	10.0498 mL	20.0997 mL
	5 mM	0.4020 mL	2.0100 mL	4.0199 mL
	10 mM	0.2010 mL	1.0050 mL	2.0100 mL

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

BIOLOGICAL ACTIVITY

Description

Calcium N5-methyltetrahydrofolate(NSC173328) is the calcium salt of levomefolic acid, which has been proposed for treatment of cardiovascular disease and advanced cancers such as breast and colorectal cancers.IC50 value:Target:

CUSTOMER VALIDATION

- Nucleic Acids Res. 2023 Jan 9;gkac1257.
- J Transl Med. 2023 Jun 6;21(1):365.
- Int J Pharm. 2019 Feb 10;556:89-96.
- Appl Microbiol Biotechnol. 2024 Dec;108(1):1-15.
- J Pharm Pharmacol. 2019 Nov;71(11):1645-1654.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Levomefolic acid. From Wikipedia, the free encyclopedia

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA