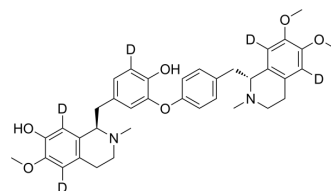


Daurisoline-d₅

Cat. No.:	HY-N0221S1
Molecular Formula:	C ₃₇ H ₃₇ D ₅ N ₂ O ₆
Molecular Weight:	615.77
Target:	Isotope-Labeled Compounds; Potassium Channel; Autophagy
Pathway:	Others; Membrane Transporter/Ion Channel; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Daurisoline-d₅ is the deuterium labeled Daurisoline (HY-N0221). Daurisoline is a bis-benzylisoquinoline alkaloid that can be isolated from *Menispermum dauricum* and *Rhizoma Menispermum*. Daurisoline exerts a blocking effect on hERG and has antiarrhythmic effects. Daurisoline is a potent autophagy blocker that can be used for the research of cancer^{[1][2]}.

REFERENCES

- [1]. Liu Q, et al. Effect of daurisoline on HERG channel electrophysiological function and protein expression. *J Nat Prod.* 2012 Sep 28;75(9):1539-45.
- [2]. Wu MY, et al. Natural autophagy blockers, dauricine (DAC) and daurisoline (DAS), sensitize cancer cells to camptothecin-induced toxicity. *Oncotarget.* 2017 Sep 8;8(44):77673-77684.

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