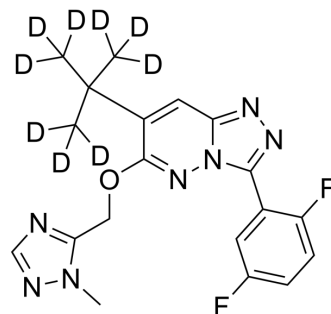


L-838417-d₉

Cat. No.:	HY-15831		
CAS No.:	1213669-91-0		
Molecular Formula:	C ₁₉ H ₁₀ D ₉ F ₂ N ₇ O		
Molecular Weight:	408.45		
Target:	GABA Receptor; Isotope-Labeled Compounds		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12.5 mg/mL (30.60 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4483 mL	12.2413 mL	24.4826 mL
5 mM	0.4897 mL	2.4483 mL	4.8965 mL
10 mM	0.2448 mL	1.2241 mL	2.4483 mL

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

BIOLOGICAL ACTIVITY

Description

L-838417-d₉ is the deuterium labeled L-838417. L-838417 is a subtype-selective GABA_A positive allosteric modulator, acting as a partial agonist at α₂, α₃ and α₅ subtypes[1].

REFERENCES

[1]. Hofmann M, et al. Assessment of the effects of NS11394 and L-838417, α₂/3 subunit-selective GABA(A) [corrected] receptor-positive allosteric modulators, in tests for pain, anxiety, memory and motor function [published correction appears in Behav Pharmacol. 2013 Apr;24(2):153]. Behav Pharmacol. 2012;23(8):790-801.

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