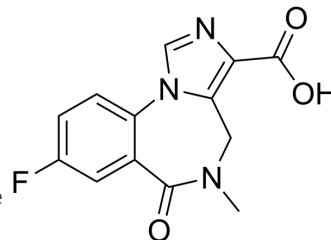


Flumazenil acid

Cat. No.:	HY-118844		
CAS No.:	84378-44-9		
Molecular Formula:	C ₁₃ H ₁₀ FN ₃ O ₃		
Molecular Weight:	275.24		
Target:	GABA Receptor; Drug Metabolite		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Metabolic Enzyme/Protease		
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 : 100 mg/mL (363.32 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.6332 mL	18.1660 mL	36.3319 mL
5 mM	0.7266 mL	3.6332 mL	7.2664 mL
10 mM	0.3633 mL	1.8166 mL	3.6332 mL

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

BIOLOGICAL ACTIVITY

Description

Flumazenil acid is a metabolite of Flumazenil^[1]. Flumazenil is a GABA_A receptor antagonist^[2].

REFERENCES

- [1]. Kleingeist B, et al. Isolation and pharmacological characterization of microsomal human liver flumazenil carboxylesterase. *J Pharm Pharm Sci.* 1998 Jan-Apr;1(1):38-46.
- [2]. Mograbi KM, et al. Effects of GABA_A receptor antagonists on motor behavior in pharmacological Parkinson's disease model in mice. *Physiol Rep.* 2017 Mar;5(6). pii: e13081.

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