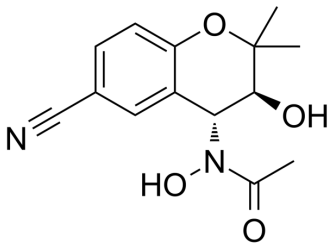
Y-26763

Cat. No.:	HY-101069
CAS No.:	127408-31-5
Molecular Formula:	$C_{14}H_{16}N_2O_4$
Molecular Weight:	276
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

1M NaOH : 27 mg/mL (97.83 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.6232 mL	18.1159 mL	36.2319 mL
	5 mM	0.7246 mL	3.6232 mL	7.2464 mL
	10 mM	0.3623 mL	1.8116 mL	3.6232 mL

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

BIOLOGICAL ACTIVITY

Description

Y-26763 is a K^+ channel opener and active metabolite of Y-27152[1]. Y-26763 is an ATP-sensitive K^+ (K_{ATP}) channel activator[2] .

REFERENCES

[1]. Itoh T, et al. Effects of a newly synthesized K+ channel opener, Y-26763, on noradrenaline-induced Ca2+ mobilization in smooth muscle of the rabbit mesenteric artery. Br J Pharmacol. 1994 Jan;111(1):165-72.

[2]. Tran QTN, et al. The identification of naturally occurring labdane diterpenoid calcaratarin D as a potential anti-inflammatory agent. Eur J Med Chem. 2019 Jul 15;174:33-44.

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