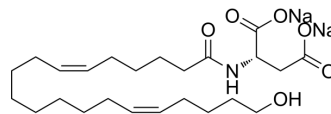


AAA

Cat. No.: HY-160187
Molecular Formula: C₂₄H₃₉NNa₂O₆
Molecular Weight: 483.55
Target: Others
Pathway: Others
Storage: -20°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

PBS : 1 mg/mL (2.07 mM; Need ultrasonic and warming)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0680 mL	10.3402 mL	20.6804 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

AAA is a potent blocker of 20-Hydroxyeicosatetraenoic acid (20-HETE) receptor that binds directly to GPR75 and prevents the increases in intracellular Ca²⁺, IP-1 and β-arrestin^[1].

REFERENCES

[1]. Jonathan V. Pascale, et al. 20-Hydroxyeicosatetraenoic acid (20-HETE): Bioactions, receptors, vascular function, cardiometabolic disease and beyond. *Adv Pharmacol.* 2023; 97: 229–255.

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

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