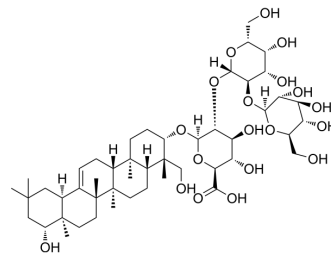


Soyasaponin Ba

Cat. No.:	HY-N0309
CAS No.:	114590-20-4
Molecular Formula:	C ₄₈ H ₇₆ O ₁₉
Molecular Weight:	959.12
Target:	Aldose Reductase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (260.66 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.0426 mL	5.2131 mL	10.4262 mL
	5 mM	0.2085 mL	1.0426 mL	2.0852 mL
	10 mM	0.1043 mL	0.5213 mL	1.0426 mL

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

BIOLOGICAL ACTIVITY

Description

Soyasaponin Ba is a soyasaponin isolated from *Phaseolus vulgaris*, acts as an aldose reductase inhibitors (ARI)^[1].

REFERENCES

[1]. Balestri F, et al. Soyasaponins from Zolfino bean as aldose reductase differential inhibitors. *J Enzyme Inhib Med Chem*. 2019 Dec;34(1):350-360.

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

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