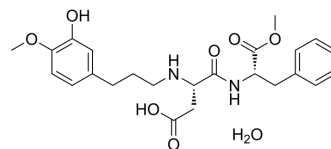


## Advantame

Cat. No.:	HY-122351A
CAS No.:	714229-20-6
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight:	476.52
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (262.32 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.0985 mL	10.4927 mL	20.9855 mL
	5 mM	0.4197 mL	2.0985 mL	4.1971 mL
	10 mM	0.2099 mL	1.0493 mL	2.0985 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Advantame is a non-caloric artificial sweetener, analogue of aspartame, commonly used as a food additive<sup>[1]</sup>.

### REFERENCES

[1]. Methods and compositions comprising caffeine and/or a derivative thereof and a polyphenol.WO2023034928.

**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