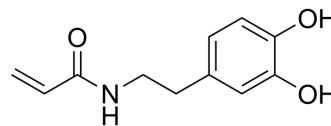


Dopamine acrylamide

Cat. No.:	HY-29035		
CAS No.:	201610-44-8		
Molecular Formula:	C ₁₁ H ₁₃ NO ₃		
Molecular Weight:	207.23		
Target:	Others		
Pathway:	Others		
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 : 125 mg/mL (603.19 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.8256 mL	24.1278 mL	48.2556 mL
	5 mM	0.9651 mL	4.8256 mL	9.6511 mL
	10 mM	0.4826 mL	2.4128 mL	4.8256 mL

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

BIOLOGICAL ACTIVITY

Description

Dopamine acrylamide, a polyphenol derivative, can cross-link collagen mainly via noncovalent bonding under acidic-non-oxidized conditions^[1].

REFERENCES

[1]. Leping Wu, et al. Mechanism and Effects of Polyphenol Derivatives for Modifying Collagen. ACS Biomater Sci Eng. 2019 Sep 9;5(9):4272-4284.

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

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