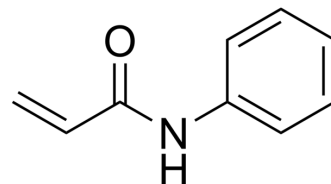


N-Phenylacrylamide

Cat. No.:	HY-W018582		
CAS No.:	2210-24-4		
Molecular Formula:	C ₉ H ₉ NO		
Molecular Weight:	147.17		
Target:	Fungal		
Pathway:	Anti-infection		
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 : 100 mg/mL (679.49 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.7949 mL	33.9743 mL	67.9486 mL
	5 mM	1.3590 mL	6.7949 mL	13.5897 mL
	10 mM	0.6795 mL	3.3974 mL	6.7949 mL

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

BIOLOGICAL ACTIVITY

Description

N-Phenylacrylamide is a special polymer showing high affinity with Ochratoxin A, a colorless and crystalline mycotoxin compound. N-Phenylacrylamide can be applied in the field of mycotoxin extraction, and be used for the security research of agricultural commodities and foods made from cereals and grapes^[1].

REFERENCES

[1]. Zhou S N, et al. N-phenylacrylamide functional polymer with high affinity for ochratoxin A[J]. Reactive and Functional Polymers, 2004, 58(1): 35-42.

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

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