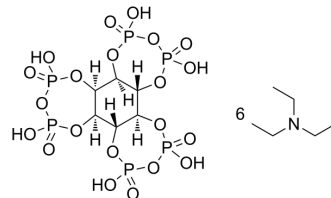


myo-Inositol trispyrophosphate hexa-triethylamine

Cat. No.:	HY-141510A
CAS No.:	851086-77-6
Molecular Formula:	C ₆ H ₁₂ O ₂₁ P ₆ ·6C ₆ H ₁₅ N
Molecular Weight:	1213.13
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

H₂O : 125 mg/mL (103.04 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.8243 mL	4.1216 mL	8.2431 mL
	5 mM	0.1649 mL	0.8243 mL	1.6486 mL
	10 mM	0.0824 mL	0.4122 mL	0.8243 mL

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

BIOLOGICAL ACTIVITY

Description

myo-Inositol trispyrophosphate (ITPP) hexa-triethylamine, a inositol tripyrophosphate (ITPP) salt, is a membrane permeant allosteric effector of haemoglobin^[1].

REFERENCES

[1]. Fylaktakidou KC, et al. Inositol tripyrophosphate: a new membrane permeant allosteric effector of haemoglobin. *Bioorg Med Chem Lett*. 2005 Mar 15;15(6):1605-8.

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

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