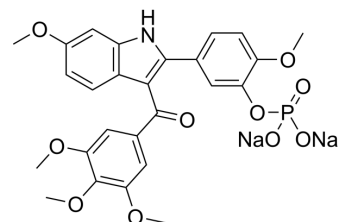


OXi8007

Cat. No.:	HY-123283
CAS No.:	288847-41-6
Molecular Formula:	C ₂₆ H ₂₄ NNa ₂ O ₁₀ P
Molecular Weight:	587.42
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 90 mg/mL (153.21 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7024 mL	8.5118 mL	17.0236 mL
5 mM	0.3405 mL	1.7024 mL	3.4047 mL
10 mM	0.1702 mL	0.8512 mL	1.7024 mL

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

BIOLOGICAL ACTIVITY

Description

OXi8007 is a water-soluble phosphate proagent of OXi8006, a tubulin-binding compound.

REFERENCES

[1]. Strecker TE, et al. The vascular disrupting activity of OXi8006 in endothelial cells and its phosphate prodrug OXi8007 in breast tumor xenografts. *Cancer Lett.* 2015 Dec 1;369(1):229-41.

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

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