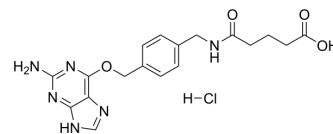


2-Aminopurine-O-Ph-NHCO-C3-COOH hydrochloride

Cat. No.:	HY-W422359A
Molecular Formula:	C ₁₈ H ₂₁ ClN ₆ O ₄
Molecular Weight:	420.85
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°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 : 100 mg/mL (237.61 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.3761 mL	11.8807 mL	23.7614 mL
				5 mM	0.4752 mL	2.3761 mL	4.7523 mL
				10 mM	0.2376 mL	1.1881 mL	2.3761 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 5 mg/mL (11.88 mM); Clear solution; Need ultrasonic						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5 mg/mL (11.88 mM); Clear solution; Need ultrasonic						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 5 mg/mL (11.88 mM); Clear solution; Need ultrasonic						

BIOLOGICAL ACTIVITY

Description	2-Aminopurine-O-Ph-NHCO-C3-COOH hydrochloride is the acid form in the previous step of the final product 2-Aminopurine-O-Ph-NHCO-C3-NHS ester (HY-143336) ^[1] .
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REFERENCES

[1]. Heppenstall, et al. Modified viral particles for gene therapy. Patent. WO2022101363.

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

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