Hsp90-IN-17 hydrochloride

Cat. No.: HY-148215A

CAS No.: 1253584-63-2

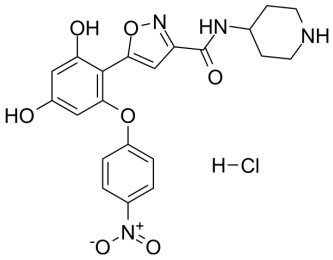
Molecular Formula: $C_{21}H_{21}ClN_4O_7$

Molecular Weight: 476.87

Target: HSP

Pathway: Cell Cycle/DNA Damage; Metabolic Enzyme/Protease

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 : 100 mg/mL (209.70 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.0970 mL	10.4850 mL	20.9701 mL
	5 mM	0.4194 mL	2.0970 mL	4.1940 mL
	10 mM	0.2097 mL	1.0485 mL	2.0970 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: ≥ 2.5 mg/mL (5.24 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (5.24 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (5.24 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Hsp90-IN-17 (Example 5) hydrochloride is an HSP90 inhibitor that can be used in the study of proliferative diseases, such as cancer and neurodegenerative diseases[1].

REFERENCES

[1]. Maria Gabriella Brasca, et al. Resorcinol derivatives as hsp90 inhibitors.WO2010121963.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA