3-Azetidinemethanol hydrochloride

Cat. No.: HY-21336

CAS No.: 928038-44-2

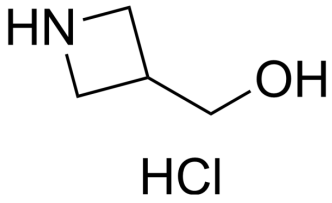
Molecular Formula: $C_4H_{10}ClNO$

Molecular Weight: 123.58

Target: SHP2

Pathway: Protein Tyrosine Kinase/RTK

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 (809.19 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	8.0919 mL	40.4596 mL	80.9192 mL
	5 mM	1.6184 mL	8.0919 mL	16.1838 mL
	10 mM	0.8092 mL	4.0460 mL	8.0919 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 (20.23 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (20.23 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (20.23 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3-Azetidinemethanol hydrochloride, a medical intermediate, can be used in the synthesis of SHP2 inhibitor[1].

REFERENCES

[1]. Yi L, et, al. Substituted pyrazine compound, pharmaceutical composition comprising same, and use thereof. WO2021259077A1.

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

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