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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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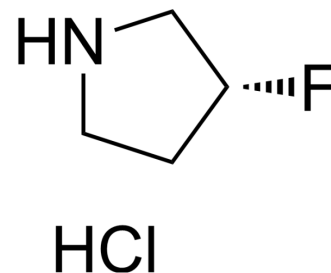
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(R)-3-Fluoropyrrolidine hydrochloride

Cat. No.: HY-40421
CAS No.: 136725-55-8
Molecular Formula: C₄H₉ClFN
Molecular Weight: 125.57
Target: Biochemical Assay Reagents
Pathway: Others
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (796.37 mM; Need ultrasonic)				
	Preparing Stock Solutions	Mass	1 mg	5 mg	10 mg
		Solvent			
		Concentration			
		1 mM	7.9637 mL	39.8184 mL	79.6369 mL
		5 mM	1.5927 mL	7.9637 mL	15.9274 mL
		10 mM	0.7964 mL	3.9818 mL	7.9637 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 (19.91 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (19.91 mM); Clear solution 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (19.91 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(R)-3-Fluoropyrrolidine hydrochloride is a derivative of fluorinated pyrrolidines. The amide series of fluorinated pyrrolidines are inhibitors of dipeptidyl peptidase DP-IV. Novel α4β2 receptor ligands characterized by a 3-Fluoropyrrolidine core ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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