Creative Enzymes®

Nepicastat hydrochloride

Cat. No. CEI-0242

Lot. No. (See product label)

Introduction

Description	As a novel inhibitor, nepicastat hydrochloride can potently inhibit bovine and human dopamine-beta-hydroxylase with IC50 of 8.5 nM and 9 nM. respectively.
Synonyms	SYN117

Product Information

CAS No.	170151-24-3
Molecular Formula	C14H15F2N3S.HCl
Chemical Name	(S)-5-(aminomethyl)-1-(5,7-difluoro-1,2,3,4-tetrahydronaphthalen-2-yl)-1H-imidazole-2(3H)-thione hydrochloride
Molecular Weight	331.81
Purity	>99%
Targets	bovine dopamine-beta-hydroxylase, human dopamine-beta-hydroxylase
Solubility	DSMO 66 mg/mL Water

Storage and Shipping Information

Storage	2 years at -20 centigrade