Creative Enzymes®

Spautin-1

Cat. No. CEI-0693

Lot. No. (See product label)

Introduction

Description	Cell-permeable. A specific and potent autophagy inhibitor in mammalian cells. It promotes the degradation of Vps34 PI3 kinase complexes by inhibiting two ubiquitin specific peptidases, USP10 and USP13, that target the Beclin1 subunit of Vps34 complexes. Spautin-1 blocks the prosurvival autophagy pathway in cancer cells.

Product Information

Appearance	White to off-white solid
CAS No.	1262888-28-7
Molecular Formula	C 15 H 11 F 2 N 3
Chemical Name	6-Fluoro-N-(4-fluorobenzyl)quinozaline-4-amine
Molecular Weight	198.2
Purity	>98%
Targets	USP10, USP13
Solubility	DMSO (100 mg/ml)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	RT