

USP14 Inhibitor, IU1

Cat. No. CEI-0694

Lot. No. (See product label)

Introduction

Description A cell-permeable, reversible and selective inhibitor of the deubiquitinating activity of human USP14 (IC₅₀ = 4-5 μM). IU1 promotes cell survival during proteotoxic stress and selectively stimulates ubiquitin-dependent protein degradation in vitro at 34 μM.

Product Information

Appearance Off-white solid

CAS No. 314245-33-5

Molecular Formula C₁₈H₂₁FN₂O

Chemical Name 1-[1-(4-fluorophenyl)-2,5-dimethyl-1H-pyrrol-3-yl]-2-(1-pyrrolidinyl)-ethanone

Molecular Weight 518.61

Purity >98% by HPLC

Targets USP14

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack