Creative Enzymes®

1400W dihydrochloride

Cat. No. CEI-0541

Lot. No. (See product label)

Introduction

Description	Cell-permeable. A slow, tight binding and highly selective inhibitor of iNOS (inducible nitric oxide synthase/NOS II) (Kd >97 nM). In contrast, inhibition of nNOS and eNOS is weaker and rapidly reversible with K_i values of 2 and 50 μM respectively. Inhibits tumor growth in vivo. Prevents circulatory failure but not organ injury induced by endotoxin. Displays protective effects in oxygen-deprived brain slices.
Synonyms	N-(3-(Aminomethyl)benzyl)acetamidine . 2HCl

Product Information

Appearance	White solid
CAS No.	214358-33-5
Molecular Formula	C 10 H 15 N 3 . 2HCl
Molecular Weight	523.88
Purity	>95%
Targets	NOS2
Solubility	Acetic Acid (5%) or 10 mM HCl

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack