Creative Enzymes®

Bisindoylmaleimide X HCl

Cat. No. CEI-1087

Lot. No. (See product label)

Introduction

Description	Bisindoylmaleimide X is a potent and selective protein kinase C (PKC) inhibitor (IC50 value of 15nM for rat brain PKC). It inhibits PKC within intact platelets and T cells. It also inhibits Fas-mediated apoptosis and T cell-mediated autoimmune diseases.
Synonyms	EKD1, PKC

Product Information

CAS No.	145317-11-9
Molecular Formula	C26H24N4O2.HCl
Chemical Name	3-(8-(aminomethyl)-6,7,8,9-tetrahydropyrido [1,2-a]indol-10-yl)-4-(1-methyl-1H-indol-2-yl) -1H-pyrrole-2,5-dione hydrochloride
Molecular Weight	460.96
Purity	> 95%
Targets	PKC
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	4 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO