

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