Creative Enzymes®

6BIO

Cat. No. CEI-0951

Lot. No. (See product label)

Introduction

Description	Scientific Background Potent and selective inhibitor of glycogen synthase kinase-3 (GSK-3) IC50=5 nM. The first pharmacological agent shown to maintain self-renewal in human and mouse embryonic stem cells. Promotes proliferation in mammalian cardiomyocytes. A potent inhibitor of malignant lymphoid cell proliferation.
Synonyms	(2'Z,3'E)-6-Bromoindirubin-3'-oxime

Product Information

Appearance	Purple powder
CAS No.	667463-62-9
Molecular Formula	C16H10BrN3O2
Molecular Weight	356.2
Purity	98% (TLC: 5% CH3OH3 in CH2Cl2, Rf=0.43); NMR (Conforms)
Targets	GSK3
Melting Point	263-265ºC
Solubility	Soluble in DMSO (15 mg/ml); or Ethanol (4 mg/ml, warm)