Creative Enzymes®

JAK2 Inhibitor III, SD-1029

Cat. No. CEI-1062

Lot. No. (See product label)

Introduction

Description	A cell-permeable xanthenedione compound that acts as a JAK2-selective inhibitor. It exhibits much less effect on the cellular phosphorylation levels of Jak1 and Src and shows no significant inhibition towards a panel of 49 other protein kinases in cell-free kinase assays at a concentration of 10 μM. Effectively inhibits cell proliferation in JAK-activated BA/F3 cell lines as well as phosphorylation and nuclear translocation of cellular Stat3
Synonyms	JTK10, THCYT3

Product Information

CAS No.	118372-34-2
Molecular Formula	C25H30Cl2N2O3 • 2HBr
Chemical Name	9-(3,4-Dichlorophenyl)-2,7-bis(dimethylaminomethyl)-3,4,5,6,7,9-hexahydro-2H-xanthene-1,8-dione, 2HBr, NSC 371488
Molecular Weight	639.3
Purity	>80% by HPLC (sum of isomers)
Targets	JAK2
Solubility	DMSO

Storage and Shipping Information

Storage	+2 centigrade to +8 centigrade