Creative Enzymes®

Cucurbitacin I

Cat. No. CEI-1077

Lot. No. (See product label)

Introduction

Description	Selective inhibitor of STAT3/JAK2 signaling. Inhibits the activation of STAT3 and JAK2 and displays no activity on Src, Akt, ERK and JNK. Suppresses phosphotyrosine levels of STAT3, inhibits STAT3 DNA binding and STAT3-mediated gene expression. Induces apoptosis in cell lines expressing constitutively active tyrosine-phosphorylated STAT3.
Synonyms	APRF, HIES

Product Information

CAS No.	2222-07-3
Molecular Formula	C30H42O7
Chemical Name	(9β,10α,16α,23E)-2,16,20,25-Tetrahydroxy-9-methyl-19-norlanosta-1,5,23-triene-3,11,22-trione
Molecular Weight	514.65
Purity	>98 %
Targets	STAT3, JAK2
Solubility	Soluble to 10 mM in DMSO and to 20 mM in ethanol

Storage and Shipping Information

Storage	-20 centigrade
Stability	Stable under recommended storage conditions.