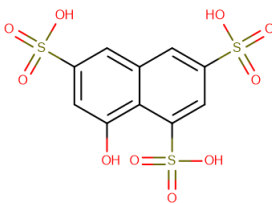


Product Name	: ζ-Stat	
Synonyms	: NSC37044	
Cat No.	: M14112	
CAS Number	: 3316-02-7	
Molecular Formula	: C ₁₀ H ₈ O ₁₀ S ₃	
Formula Weight	: 384.34	
Chemical Name	: 8-hydroxy-1,3,6-naphthalenetrisulfonic acid	
Description	ζ-Stat (1,3,6-Naphthalenetrisulfonic acid) is a novel PKC-zeta (PKC-ζ) specific inhibitor with IC ₅₀ of 5 μM, showed only 13% inhibition on PKC-I at 20 μM; downregulates TNF-α induced NF-κB translocation to the nucleus there by inducing apoptosis, significantly decreases melanoma cell proliferation of SK-MEL-2 and MeWo.	
Pathway	: Angiogenesis	
Target	: PKC	
Receptor	: PKC	
Solubility	: —	
SMILES	<chem>C1=C2C=C(C=C(C2=C(C=C1S(=O)(=O)O)S(=O)(=O)O)S(=O)(=O)O)O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Islam SMA, et al. Biochim Biophys Acta. 2018 Apr;1865(4):650-664. 2. Ratnayake WS, et al. Cell Adh Migr. 2018 May 21:1-17.