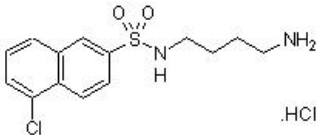


Product datasheet

W-13, calmodulin inhibitor ab143753

Overview

Product name	W-13, calmodulin inhibitor
Description	Cell-permeable CaM inhibitor
Biological description	Cell-permeable CaM inhibitor (IC ₅₀ = 68 µM, calmodulin activated PDE activity). W-12 (ab143758), W-5 (ab143770) and W-7 (ab143768) analog. Blocks NGF-induced ERK-MAP kinase phosphorylation. Shows antiproliferative effects.
CAS Number	88519-57-7
Chemical structure	

Properties

Chemical name	N-(4-Aminobutyl)-5-chloronaphthalene-2-sulfonamide hydrochloride
Molecular weight	349.28
Molecular formula	C ₁₄ H ₁₇ ClN ₂ O ₂ S.HCl
PubChem identifier	16760706
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C1=CC2=C(C=CC(=C2)S(=O)(=O)NCCCCN)C(=C1)Cl.Cl</chem>
Source	Synthetic

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