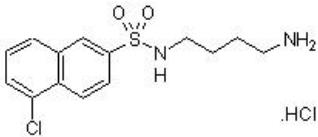


## Product datasheet

## W-13, calmodulin inhibitor ab143753

## Overview

Product name	W-13, calmodulin inhibitor
Description	Cell-permeable CaM inhibitor
Biological description	Cell-permeable CaM inhibitor ( $IC_{50} = 68 \mu M$ , 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 <sub>14</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>2</sub> 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	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.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
SMILES	C1=CC2=C(C=CC(=C2)S(=O)(=O)NCCCCN)C(=C1)Cl.Cl
Source	Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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