W-7

Calmodulin inhibitor

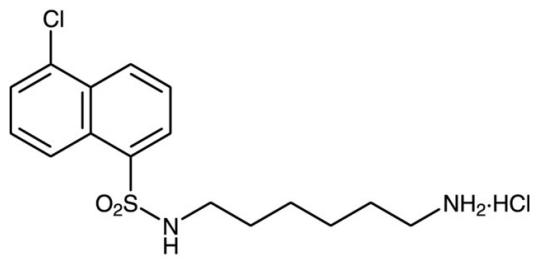
Binds to calmodulin, inhibiting Ca^{2+}-calmodulin-regulated enzyme activity. It inhibits the Ca^{2+}/calmodulin-induced activation of myosin light chain kinase in a concentration dependent manner (IC_{50}=25 μM). Cell permeable.

Citations: 6 View Online »

Ordering Information Order Online »

BML-CA320-0050	50mg

Manuals, SDS & CofA View Online »


Cl
O2S
N
H
NH2·HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-(6-Aminohexyl)-5-chloro-1-naphtalene-sulfonamide . HCl
Appearance	White to off-white solid.
CAS	61714-27-0
Couple Target	Calmodulin, MLCK
Couple Type	Inhibitor
Formula	$C_{16}H_{21}ClN_2O_2S$. HCl
MW	377.3
Purity	≥98% (TLC)
Solubility	Soluble in water (warm), methanol, 100% ethanol (10mg/ml) (warm), DMSO (25mg/ml), dimethyl formamide or ethylene glycol.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.