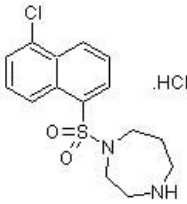


## Product datasheet

# ML-9, protein kinase inhibitor ab143797

1 Image

### Overview

<b>Product name</b>	ML-9, protein kinase inhibitor
<b>Description</b>	Broad spectrum ATP-competitive protein kinase inhibitor. Ca <sup>2+</sup> channel blocker.
<b>Biological description</b>	Broad spectrum ATP-competitive protein kinase inhibitor (K <sub>i</sub> values are 32, 4, and 54 μM for PKA, MLCK, and PKC respectively). Ca <sup>2+</sup> channel blocker. Shows vasorelaxant effects <i>in vivo</i> .
<b>Purity</b>	> 98%
<b>CAS Number</b>	105637-50-1
<b>Chemical structure</b>	

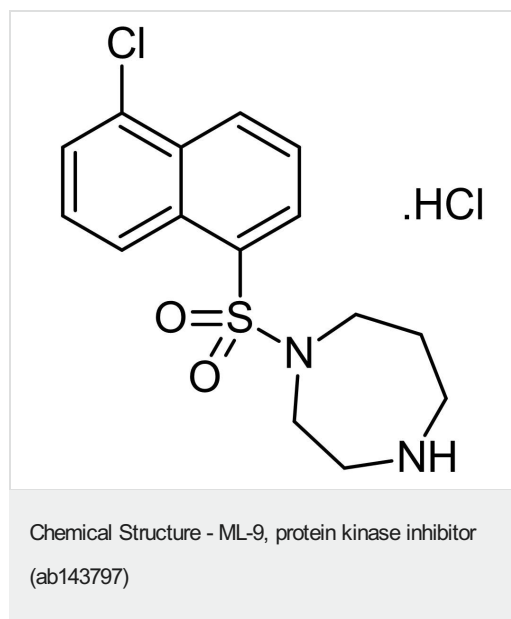
### Properties

<b>Chemical name</b>	1-(5-Chloronaphthalen-1-yl)sulfonyl-1,4-diazepane hydrochloride
<b>Molecular weight</b>	361.29
<b>Molecular formula</b>	C <sub>15</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>2</sub> S.HCl
<b>PubChem identifier</b>	108047
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO
<b>Handling</b>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>C1CNCCN(C1)S(=O)(=O)C2=CC=CC3=C2C=CC=C3Cl.Cl</chem>

Source

Synthetic

## Images



2D chemical structure image of ab143797, ML-9, protein kinase inhibitor

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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