

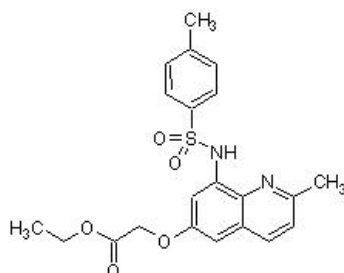
Product datasheet

Zinquin ethyl ester, Zn<sup>2+</sup> selective fluorescent probe  
ab145478

1 References 1 Image

Overview

<b>Product name</b>	Zinquin ethyl ester, Zn <sup>2+</sup> selective fluorescent probe
<b>Description</b>	Cell-permeable Zn <sup>2+</sup> selective fluorescent probe
<b>Biological description</b>	Cell-permeable Zn <sup>2+</sup> selective fluorescent probe. Zinquin ( <a href="#">ab145451</a> ) precursor. Labels micromolar concentrations of intracellular Zn <sup>2+</sup> ions with an intense extranuclear fluorescence emitting in the blue range.
<b>Purity</b>	> 99%
<b>CAS Number</b>	181530-09-6
<b>Chemical structure</b>	



Properties

<b>Excitation</b>	368nm
<b>Emission</b>	490nm
<b>Chemical name</b>	Ethyl 2-[2-methyl-8-[(4-methylphenyl)sulfonylamino]quinolin-6-yl]oxyacetate
<b>Molecular weight</b>	414.47
<b>Molecular formula</b>	C <sub>21</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub> S
<b>PubChem identifier</b>	3638243
<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>	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 [frequently asked questions \(FAQ\) page](#) for more details.

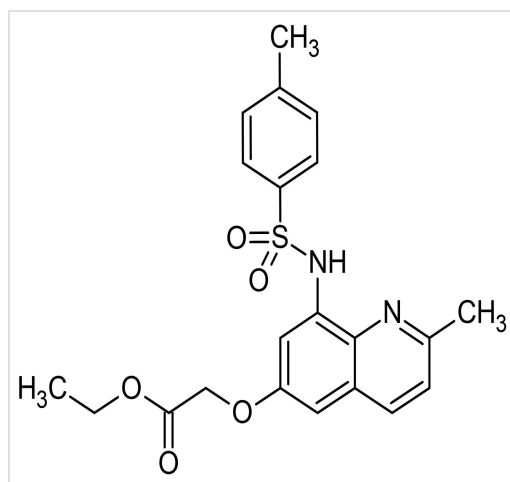
#### SMILES

CCOC(=O)COC1=CC(=C2C(=C1)C=CC(=N2)C)NS(=O)(=O)C3=CC=C(C=C3)C

#### Source

Synthetic

#### Images



2D chemical structure image of ab145478, Zinquin ethyl ester, Zn<sup>2+</sup> selective fluorescent probe

Chemical Structure - Zinquin ethyl ester, Zn<sup>2+</sup> selective fluorescent probe (ab145478)

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

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