

## Product Information

### p38-MAPK inhibitor SKF 86002 dihydrochloride, Purity ≥98%

**Cat. No.:** X23-10-ZQ893

**Size:** 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

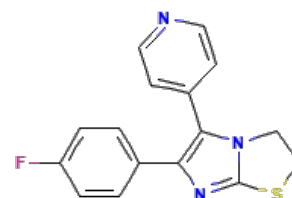
**CAS Number:** 116339-68-5

**Compound CID:** 10339107

**Synonym:** SKF 86002 dihydrochloride; 116339-68-5; NIOSH/NJ5929050; SKF-86002

(dihydrochloride); p38-MAPK inhibitor

**This product is for research use only and is not intended for diagnostic use.**



Cl-H

Cl-H

#### Product Information

<b>Description</b>	SKF 86002 dihydrochloride targets the ATP-binding site of the kinase, thereby preventing phosphorylation of downstream substrates.
<b>Molecular Weight</b>	370.27
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>12</sub> FN <sub>3</sub> S·2HCl
<b>IUPAC Name</b>	6-(4-Fluorophenyl)-5-pyridin-4-yl-2,3-dihydroimidazo[2,1-b][1,3]thiazole;dihydrochloride
<b>InChI</b>	InChI=1S/C16H12FN3S.2ClH/c17-13-3-1-11(2-4-13)14-15(12-5-7-18-8-6-12)20-9-10-21-16(20)19-14;/h1-8H,9-10H2;2*1H
<b>InChI Key</b>	GQQCNUNCYVXBTF-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CSC2=NC(=C(N21)C3=CC=NC=C3)C4=CC=C(C=C4)F.Cl.Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	SKF 86002 dihydrochloride can be applied to the study of p38 MAP kinase inhibition in cellular stress response.
<b>Storage</b>	Store at -20°C.