

Datasheet for ABIN5022599

## Imatinib mesylate



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### 1 Image

#### Overview

Quantity: 20 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: Kinase inhibitor

Purity:  $\geq 98\%$  (HPLC)

Chemical Name: 4-[(4-Methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]-phenyl]benzamide methanesulfonate, 4-[(4-Methylpiperazin-1-yl)methyl]-N-(4-methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]phenyl)benzamide mesylate, CGP 57148, Genfatinib, Glivec, Imatinib methanesulfonate, STI-571

Formula: C<sub>30</sub>H<sub>35</sub>N<sub>7</sub>O<sub>4</sub>S

Solubility: Soluble H<sub>2</sub>O: soluble 10 mg/ml, clear

#### Target Details

Molecular Weight: 589.7

CAS-No: 152459-95-5

#### Application Details

Comment: Source: Synthetic.

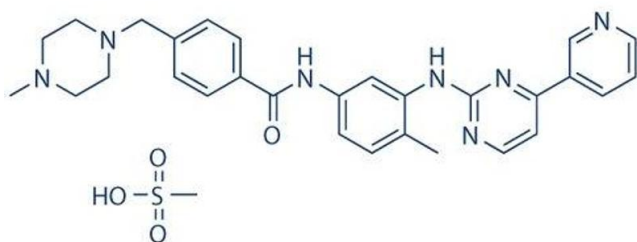
Appearance: White to beige solid

Restrictions: For Research Use only

## Handling

Format:	Solid
Precaution of Use:	Classification: Acute toxicity, Oral (Category 4), H302 Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H302 Harmful if swallowed. Precautionary statements: P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P330 Rinse mouth. P501 Dispose of contents/ container to an approved waste disposal plant.
Handling Advice:	Classification: Acute toxicity, Oral (Category 4), H302 Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H302 Harmful if swallowed. Precautionary statements: P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P330 Rinse mouth. P501 Dispose of contents/ container to an approved waste disposal plant.
Storage:	-20 °C

## Images



### Molecule

**Image 1.** Chemical structure of Imatinib mesylate, a BCR-ABL kinase inhibitor. CAS #: 152459-95-5. Molecular Formula: C<sub>30</sub>H<sub>35</sub>N<sub>7</sub>O<sub>4</sub>S. Molecular Weight: 589.7 g/mol.