Imatinib . mesylate

Tyrosine kinase inhibitor

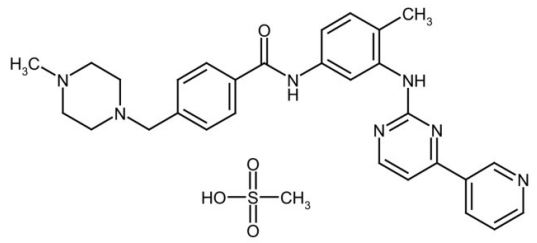
Tyrosine kinase inhibitor. Highly specific for BCR-ABL, the enzyme associated with chronic myelogenous leukemia (CML) and certain forms of acute lymphoblastic leukemia (ALL). Also shown to inhibit the transmembrane receptor kit and platelet-derived growth factor (PDGF) receptors.

Citations: 24 View Online »

Ordering Information Order Online »

ALX-270-492-M025	25mg
ALX-270-492-M500	500mg

Manuals, SDS & CofA View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	STI-571, CGP-57148B
Appearance	White to pale yellow crystalline powder.
CAS	220127-57-1
Couple Target	Abl, PDGF receptor
Couple Type	Inhibitor
Formula	$C_{29}H_{31}N_7O$. CH_3SO_3H
MI	**14:** 4902
MW	493.6 . 96.1
Purity	≥98% (HPLC)
Solubility	Soluble in water (200mg/ml) or DMSO (100mg/ml) or DMF (10mg/ml) or PBS (2mg/ml). Sparingly soluble in ethanol (0.2mg/ml). Storing aqueous solutions for more than one day is not recommended.

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.