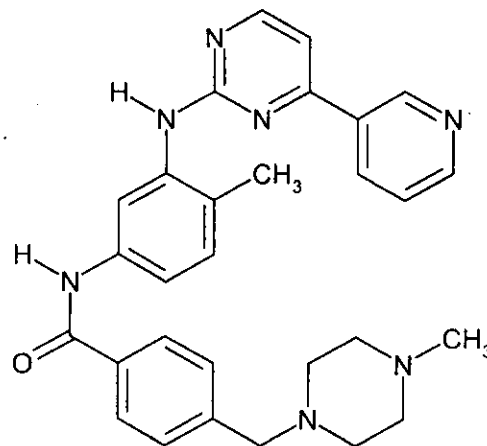


LC Laboratories®

CERTIFICATE OF ANALYSIS

Imatinib, Free Base, >99%

LC LABS CAT. NO. **I-5577**
FORMULA $C_{29}H_{31}N_7O$
M.W. 493.60
CAS NO. [152459-95-5]
STORAGE Store at or below -20 °C
SOLUBILITY Soluble in DMSO at 25 mg/mL with slight warming; soluble in ethanol at 5 mg/mL with slight warming; very poorly soluble in water; maximum solubility in plain water is estimated to be about 5-20 μ M; buffers, serum or other additives may increase or decrease the aqueous solubility.



ANALYTICAL DATA

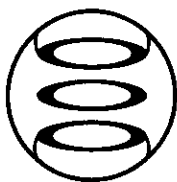
LOT NUMBER **MTB-101**
FORM Crystalline solid; granular or powder
COLOR Off-white to beige
HPLC PURITY >99% (see attached chromatogram)
TLC PURITY >99% (see attached chromatogram)
MELTING POINT 214-216 °C

ELEMENTAL ANALYSIS For: $C_{29}H_{31}N_7O$:

	<u>Calculated</u>	<u>Found</u>
C	70.56%	70.48%
H	6.33%	6.38%
N	19.86%	19.99%

October 3, 2011

Tommy.D:\COFA-B\ZIC-M-COFA\MTB101FL.WPD



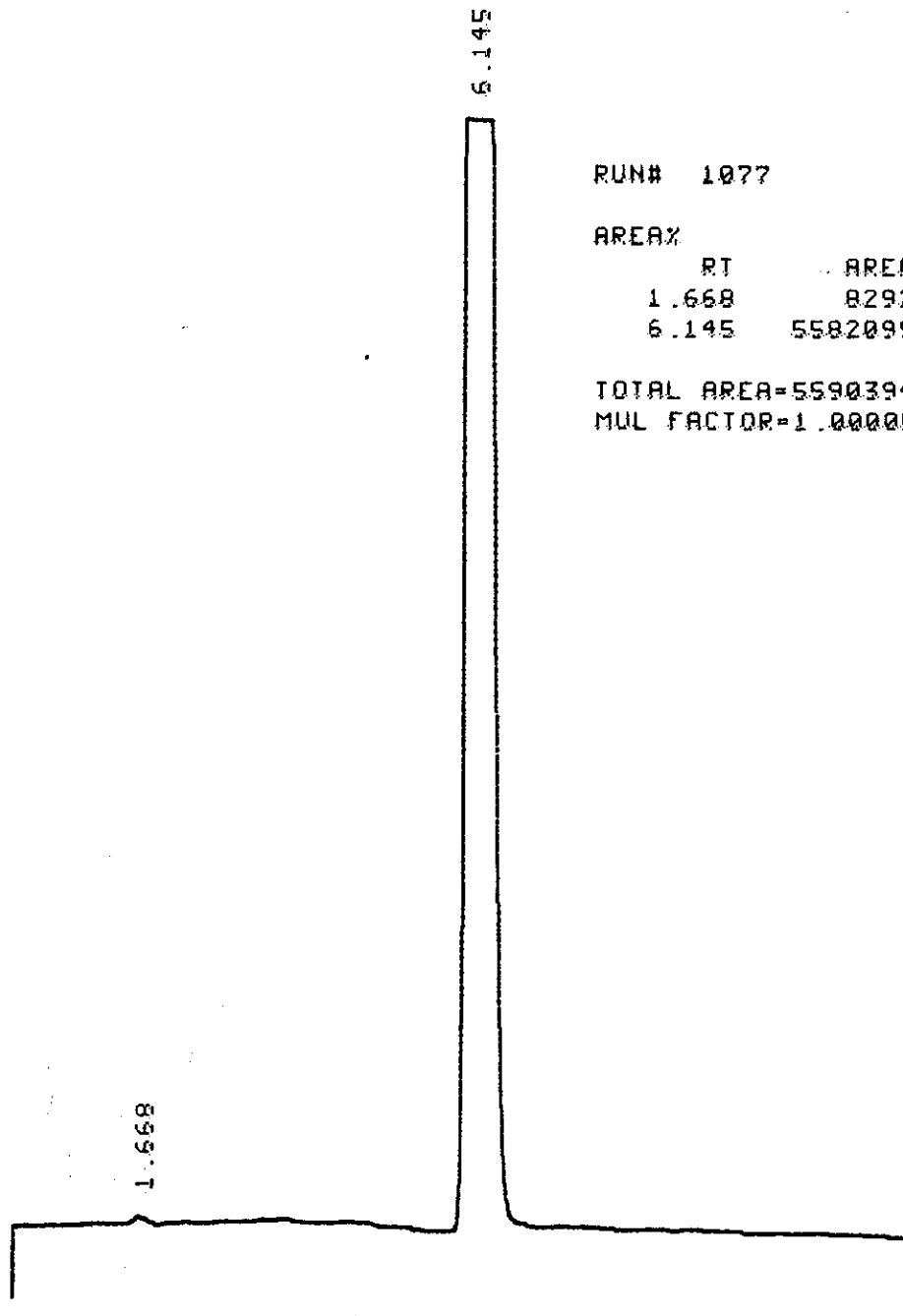
LC Laboratories®

Cat. No. I-5577
Imatinib, Free Base
Lot MTB-101
>99%

*Cat. No. I-5577 IMATINIB BASE Lot No. MTB-101 BREAK

* RUN # 1077 JAN 17, 2011 14:13:33

START



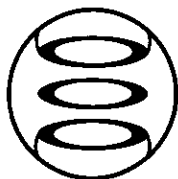
RUN# 1077 JAN 17, 2011 14:13:33

RT	AREA	TYPE	WIDTH	AREA%
1.668	8292	BP	.239	.14833
6.145	5582099	BB	.243	99.85168

TOTAL AREA=5590394
MUL FACTOR=1.0000E+00

TIMETABLE STOP

HPLC: C₁₈ Column, 4.6 mm x 30 cm
Acetonitrile/Methanol/Water/Trifluoroacetic acid 15/15/70/0.1
2 mL/min
UV₂₅₄ Detection



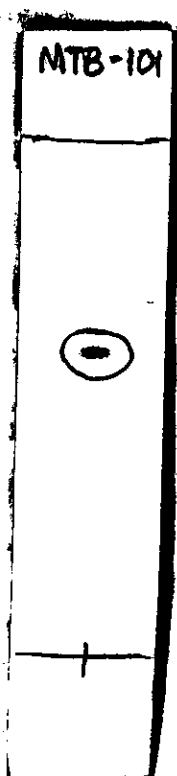
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Cat. No. I-5577

Imatinib, Free Base

Lot MTB-101

>99%



- TLC: 60 Å silica gel plates with fluorescent indicator
- Develop with Chloroform/Methanol/Conc.NH₄OH 80/20/1
- Visualize via UV fluorescence quenching
- Also visualize by exposure to iodine vapor