

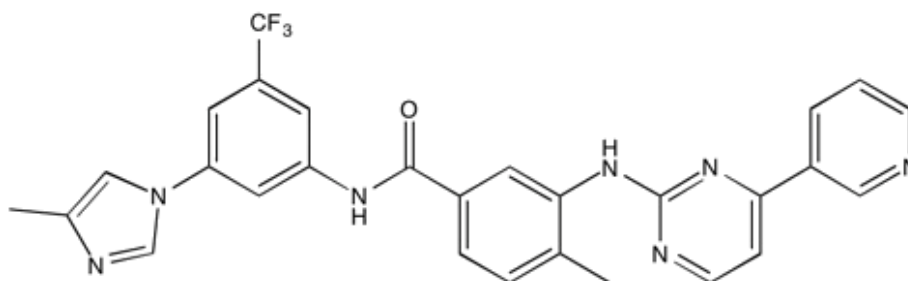
Catalog # 10-2152

Nilotinib

CAS# 641571-10-0

AMN-107

4-Methyl-N-[3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl]-3-[(4-pyridin-3-yl)pyrimidin-2-yl]amino]benzamide
Lot # X105710



A novel, selective BCR-ABL inhibitor. More potent than imatinib against wild-type BCR-ABL (IC₅₀ < 30 nM)¹. Induces apoptosis².

- 1) Weisberg *et al.* (2006), *AMN107 (nilotinib): a novel and selective inhibitor of BCR-ABL*; Br. J. Cancer, **94** 1765
- 2) Verstovsek *et al.* (2006), *Activity of AMN107, a novel aminopyrimidine tyrosine kinase inhibitor, against human FIP1L1-PDGFR-alpha-expressing cells*; Leuk. Res., **30** 1499

PHYSICAL DATA

Molecular Weight:	529.52
Molecular Formula:	C ₂₈ H ₂₂ F ₃ N ₇ O
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 50 mg/ml)
Physical Description:	Off-White solid
Storage and Stability:	Store as supplied at room -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

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