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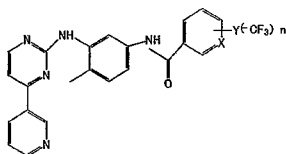
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(54) Title: NOVEL PHENYLAMINOPYRIMIDINE DERIVATIVES AS INHIBITORS OF BCR-ABL KINASE

Sample	IACH/RL/040205/001	NIMS/YD/040205/002
Imatinib		
1nM	6.1%	1.3%
10nM	16.4%	1.9%
100nM	19.0%	5.1%
1µM	20.0%	20.8%
2µM	12.4%	19.2%
5µM	20.0%	22.9%
10µM	5.0%	19.2%
AN015		
1nM	9.0%	3.8%
10nM	10.0%	10.0%
100nM	20.7%	20.7%
200nM	7.5%	21.0%
500nM	10.0%	19.8%
1µM	11.6%	22.3%
AN019		
100pM	9.0%	4.5%
500pM	20.7%	8.3%
1nM	21.6%	9.5%
2nM	37.2%	15.6%
5nM	31.5%	15.5%
10nM	28.4%	15.4%



(I)

(57) Abstract: The present invention relates
to novel intermediates useful for the preparation
of novel phenylaminopyrimidine derivatives,
novel phenylaminopyrimidine derivatives.
Pharmaceutical composition containing the
novel phenylaminopyrimidine derivatives and
processes for their preparation. The invention
particularly relates to novel Phenyl pyrimidine
amine derivatives of the general formula (I).
The novel compounds of the formula 1 can
be used in the therapy of Chronic Myeloid
Leukemia (CML). Since the IC₅₀ 191 values of
these molecules are in the range 0.1 to 10.0 nm,
these novel compounds are potentially useful
for the treatment of CML.AN015 = [Example-1, step C(IV)]
AN019 = [Example-3, step C(IV)]



SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.

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