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(57) Abstract :

ABSTRACT Novel Small Phenyl-Amino-Pyrimidine (PAP)-based Compounds as Anti-cancer Agents and method of preparation thereof The present invention provides a novel Phenyl Amino Pyrimidine based compound of formula I and a method of preparation thereof. I Wherein R1 is selected from group consisting of hydrogen (H), alkyl groups (C<sub>1</sub>-C<sub>6</sub>), cycloalkyl groups (C<sub>3</sub>-C<sub>8</sub>), aryl groups (C<sub>6</sub>-C<sub>10</sub>), aralkyl groups (C<sub>7</sub>-C<sub>12</sub>), heteroaryl groups (C<sub>4</sub>-C<sub>10</sub>), substitutedphenyl, substitutedbenzyl aryl amide derivatives including N-acyl substituted anilines, wherein said groups may be unsubstituted or optionally substituted with one or more substituents selected from halogen, hydroxyl, alkoxy, nitro, amino, fluoro, chloro, bromo, or iodo and carboxy groups.

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