

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511047531 A

(19) INDIA

(22) Date of filing of Application :16/05/2025

(43) Publication Date : 30/05/2025

(54) Title of the invention : FERULIC ACID DERIVATIVES AS DIHYDROFOLATE REDUCTASE INHIBITORS

(51) International classification :A61P0031040000, A61P0035000000, A61K0009200000, C07D0405140000, C07D0401040000

(86) International Application No :NA  
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA  
Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

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(57) Abstract :

The present invention relates to a novel compounds of formula I. The synthesized compounds were tested for their dihydrofolate reductase inhibition activity for treatment of bacterial infection and cancer related conditions. The compounds showed activity as potent antibacterial and anticancer activity. Formula I Wherein, X is as defined in the specification

No. of Pages : 35 No. of Claims : 4