



← View article

Bioactive Benzocycloheptene Analogues From Himachalenes and its Applications

Inventors

Pralay Das, N Yamini, Richa BHARTI, RAM Shankar, Vijay Kumar BHARDWAJ, Rituraj PUROHIT, Damanpreet SINGH, Prince ANAND, Yogendra S PADWAD

Publication date

2023/11/30

Patent office

US

Application number

18032732

Description

Functionalized benzocycloheptenes are one of the most important classes of bicyclic framework that have been investigated in different areas of biological activities. The claimed invention provides preparations of benzocycloheptene analogues, inhibitors of PI3K and MK2, pharmaceutical compositions containing them and their use in therapy. The compounds of Formula I, II, III, IV, V and VI may be used as anti type 2 diabetes, antipyretic, anti-inflammatory, antiepileptic, anticancer, antiulcer, CNS-stimulant, and CNS-depressant. These benzocycloheptene derivatives are useful in treatment of PI3K and MK2 related disorders.

Scholar articles