Product Data Sheet

Product Name: CGS 21680
CAS No.: 120225-54-9
Cat. No.: HY-13201
MWt: 499.52
Formula: C23H29N7O6
Purity: >98%
Solubility: DMSO

Mechanisms:
Pathways: Others; Target: Adenosine Receptor

Biological Activity:
CGS 21680 is an A2A adenosine receptor agonist (Ki = 27 nM). CGS 21680 has affinity for A1 and A3 adenosine receptors but can be used to distinguish A2A- and A2B-mediated effects.

References:
[4]. Feduccia AA, Wang Y, Simms JA, Yi HY, Li R, Bjeldanes L, Ye C, Bartlett SE. Locomotor activation by theacrine, a purine alkaloid structurally similar to caffeine: involvement of adenosine ...