

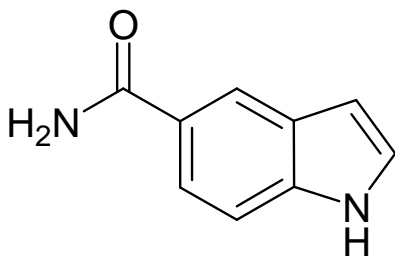
SYMANSIS™

Product Data Sheet

Compound Name

SD169

Structure



CAS Number

[1670-87-7]

Chemical Formula:

C₉H₈N₂O

Molecular Weight:

160.18

Background information

Mode of Action

kinase inhibitor

Predominant Target(s)

p38 α MAP kinasePublished Activity
(not validated)

Reduces insulinitis and beta cell destruction in the NOD mouse

Development stage

Research

References

1. Preventive and therapeutic potential of p38 α -selective mitogen-activated protein kinase inhibitor in nonobese diabetic mice with type 1 diabetes. Medicherla Satyanarayana ; Protter Andrew A. ; Jing Ying MA ; Mangadu Ruban ; Almirez Ramona ; Koppelman Bruce ; Kerr Irene ; Navas Tony A. ; Movius Fabiola ; Reddy Mamatha ; Liu Yu-Wang ; Luedtke Gregory ; Perumattam John ; Mavunkel Babu ; Dugar Sundeep ; Schreiner George F. **The Journal of pharmacology and experimental therapeutics** 318, 99-107, 2006
2. Inhibition of p38 MAP kinase activity enhances axonal regeneration. Myers RR, Sekiguchi Y, Kikuchi S, Scott B, Medicherla S, Protter A, Campana WM. **Exp Neurol.** 184(2):606-14, 2003