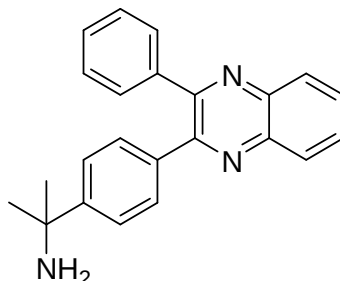


SYMANSIS™

Product Data Sheet**Compound Name****Akt-I-1,2****Structure****CAS Number**

[473382-48-8]

Chemical Formula:C₂₃H₂₁N₃**Molecular Weight:**

339.43

Background information

Mode of Action

Akt kinase inhibitor

Predominant Target(s)

Akt1/2

Published Activity
(not validated)shows in in vitro kinase assays inhibition of IC₅₀ = 58 nM for Akt1 and respectively 210 nM, and 2.12 mM for Akt2, and Akt3

Development stage

Research

References*Identification and characterization of pleckstrin-homology-domain-dependent and isoenzyme-specific Akt inhibitors.*

Barnett, Stanley F.; Defeo-Jones, Deborah; Fu, Sheng; Hancock, Paula J.; Haskell, Kathleen M.; Jones, Raymond E.; Kahana, Jason A.; Kral, Astrid M.; Leander, Karen; Lee, Ling L.; Malinowski, John; McAvoy, Elizabeth M.; Nahas, Debbie D.; Robinson, Ronald G.; Huber, Hans E. **Biochemical Journal** (2005), **385**(2), **399-408**.