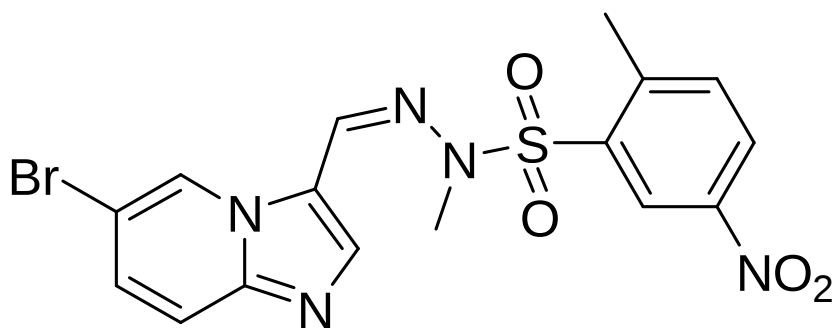


SYMANSIS™

Product Data Sheet**Compound Name****PIK-75****Structure****CAS Number**

[372196-67-3]

Chemical Formula:C₁₆H₁₄BrN₅O₄S**Molecular Weight:**

452.28

Background information

Mode of Action

Kinase inhibitor

Predominant Target(s)

PI3-K p110 α Published Activity
(not validated)

Block the phosphorylation of PKB induced by insulin

Development stage

Research

References

1. *A Pharmacological Map of the PI3-K Family Defines a Role for p110 α in Insulin Signaling.* Z.A. Knight et al. **Cell**. **125**, 733-747 (2006).
2. *Evidence for functional redundancy of class IA PI3K isoforms in insulin signalling.* C. Chaussade et al. **Biochem J**. **404**(3), 449-458 (2007).
3. *Insulin-like growth factor-1 regulates platelet activation through PI3-K α isoform.* S. Kim et al. **Blood**. **110**(13), 4206-4213 (2007).