

Product Name	: M77976
Synonyms	: —
Cat No.	: M33422
CAS Number	: 394237-61-7
Molecular Formula	: C ₁₇ H ₁₆ N ₂ O ₃
Formula Weight	: 296.32
Chemical Name	: —
Description	: M77976 is a specific ATP-competitive inhibitor of PDK4 (pyruvate dehydrogenase kinase isoforms 4), with an IC ₅₀ of 648 μM. M77976 is potential for the research of obesity and diabetes.
Pathway	: PI3K/Akt/mTOR signaling
Target	: PDK
Receptor	: PDK
Solubility	: In Vitro: ?DMSO : 250 mg/mL (843.68 mM; Ultrasonic)
SMILES	: <chem>COc1ccc(cc1)-c1c(C)[nH]nc1-c1ccc(O)cc1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Kukimoto-Niino M, et al. Inhibitor-bound structures of human pyruvate dehydrogenase kinase 4. Acta Crystallogr D Biol Crystallogr. 2011 Sep;67(Pt 9):763-73.?