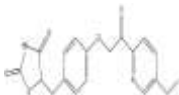


PRODUCT: CAY-10415**ALTERNATE NAME:** 5-[[4-[2-(5-ethylpyridin-2-yl)-2-oxoethoxy]phenyl]methyl]-1,3-thiazolidine-2,4-dione**CATALOG #:** 9616-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₈N₂O₄S**MOLECULAR WEIGHT:** 370.4**CAS NUMBER:** 146062-49-9**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** CAY-10415 is a potent anti-diabetic drug of the TZD structural class. CAY-10415 lowers blood glucose levels in obese, hyperglycemic, hyperinsulinemic, and insulin-resistant KKAY mice. It enhances the rate of insulin-stimulated lipogenesis in 3T3-L1 adipocytes in a dose-dependent manner.**REFERENCE:** Tanis, S.P., *et al.* (1996). *J.Med.Chem.* **39**, 5053-5063.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Dipeptidylpeptidase IV, Human Plasma (**Cat. No. 4709-10**)
Dipeptidylpeptidase IV, Human Recombinant (**Cat. No. 4710-10, 50, 1000**)
Dipeptidylpeptidase IV Inhibitor, K 579 (**Cat. No. 1963-1, 5**)
Dipeptidylpeptidase IV Inhibitor, NVP DPP 728 (**Cat. No. 1964-1, 5**)
Diprotin A (**Cat. No. 2191-5, 25**)
Diprotin B (**Cat. No. 2192-5, 25**)
DiscoveryPak™ DPP-4 Inhibitors Set (**K890-5**)
DPP4 Activity Assay Kit (**Cat. No. K779-100**)
DPP4 Inhibitor Screening Kit (**Cat. No. K780-100**)
Linagliptin (**Cat. No. 2240-50, 250**)
MK-3102 (**Cat. No. 9599-1,5**)
Sitagliptin Phosphate Monohydrate (**Cat. No. 1757-100, 1G**)
Vildagliptin (**Cat. No. 2188-10, 50**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**