

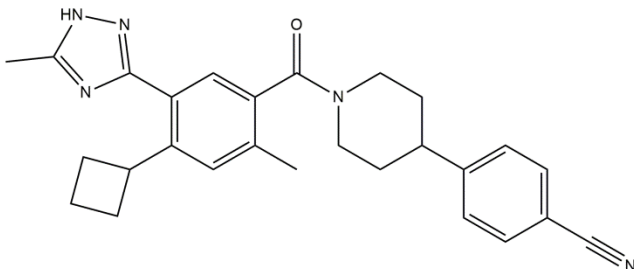
# TVB-2640

04/21

**ALTERNATE NAMES:** Fasn-IN-2; 4-[1-[4-cyclobutyl-2-methyl-5-(5-methyl-1H-1,2,4-triazol-3-yl)benzoyl]piperidin-4-yl]benzotrile

**CATALOG #:** B3125-5 5 mg  
B3125-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>29</sub>N<sub>5</sub>O

**MOLECULAR WEIGHT:** 439.55

**CAS NUMBER:** 1399177-37-7

**APPEARANCE:** Off-white to white solid powder

**PURITY:** ≥ 98%

**SOLUBILITY:** ~80 mg/ml in DMSO or Ethanol

**DESCRIPTION:** TVB-2640 is an oral, selective fatty acid synthase (FASN) inhibitor. It reduces hepatic *de novo* lipogenesis in males with metabolic abnormalities. It is being evaluated in phase 2 clinical trials to treat KRAS mutant non-small cell lung carcinomas.

**STORAGE TEMPERATURE:** -20 °C. Store in the dark. Product is light sensitive.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**REFERENCES:**

1. Jones, S.F., Infante J.R. Molecular Pathways: Fatty Acid Synthase. Clin Cancer Res 21(24):5434-8 (2015).
2. Syed-Abdul, M.M., Parks, E.J., Gaballah, A.H. et al. Fatty Acid Synthase Inhibitor TVB-2640 Reduces Hepatic *de Novo* Lipogenesis in Males With Metabolic Abnormalities. Hepatology 72(1):103-118 (2020).

**RELATED PRODUCTS:**

DPVP (Cat. No. B1243)  
AZD-4205 (Cat. No. B3124)  
FAS Inhibitor, C75 (Cat. No. 1547)  
α-Mangostin (Cat. No. B1059)  
Cerulenin (Cat. No. 1579)

**DISCLAIMER:** **FOR RESEARCH USE ONLY! Not to be used on humans.**