

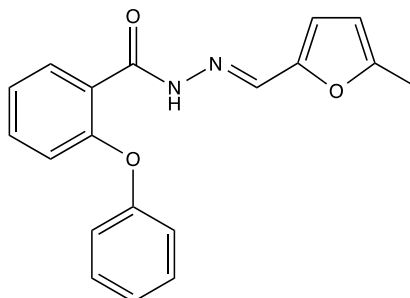
Catalog # 10-4519

PNU 74654

CAS# 113906-27-7

2-Phenoxybenzoic acid [(5-methyl-2-furanyl)methylene]hydrazide

Lot # FBM4046



PNU-75654 disrupts the Wnt signaling pathway via inhibition of the interaction ($K_{i50} = 450$ nM) between β -catenin and T cell factor 4 (Tcf4).

- 1) Trosset et al. (2006) *Inhibition of protein-protein interactions: the discovery of druglike beta-catenin inhibitors by combining virtual and biophysical screening* *Proteins* **64** 60

PHYSICAL DATA

Molecular Weight:	320.35
Molecular Formula:	C ₁₉ H ₁₆ N ₂ O ₃
Purity:	>98% (TLC: 40% Ethyl acetate/hexanes; R _f = 0.24)
Solubility:	DMSO (>25 mg/mL)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to one year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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