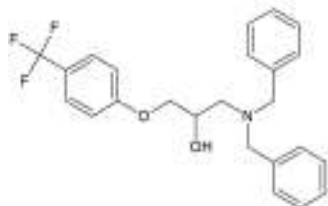


# BC-1618

**ALTERNATE NAME:** 2-Propanol, 1-[bis(phenylmethyl)amino]-3-[4-(trifluoromethyl)phenoxy]-  
BC1618

**CATALOG #:** B3333-1 1 mg  
B3333-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>24</sub>F<sub>3</sub>NO<sub>2</sub>

**MOLECULAR WEIGHT:** 415.45

**CAS NUMBER:** 2222094-18-8

**APPEARANCE:** Solid

**PURITY:** ≥98%

**SOLUBILITY:** >50 mg/ml DMSO

**DESCRIPTION:** BC-1618 is a potent Fbxo48 inhibitory compound that stimulates Ampk-dependent signaling (via preventing activated pAmpkα from Fbxo48-mediated degradation). Fbxo48 and was much more potent than metformin in increasing Ampk function. BC1618 promotes mitochondrial fission, facilitates autophagy and improves hepatic insulin sensitivity.

**STORAGE TEMPERATURE:** -20°C. Protect from light

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

**RELATED PRODUCTS:**

A-769662 (1719)  
AMPK Activator, D942 (2341)  
MK-3903 (B2431)  
ASP-4132 tosylate (B2748)

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