

Product Name	: TFEB activator 1
Synonyms	: (1E4E)-15-Bis(2-Methoxyphenyl)penta-1;Curcumin analog C1;Curcumin analog compound C1;RPN77612
Cat No.	: M21148
CAS Number	: 39777-61-2
Molecular Formula	: C ₁₉ H ₁₈ O ₃
Formula Weight	: 294.34
Chemical Name	: —
Description	: TFEB activator 1 is an activator of transcription factor EB (TFEB) with promise for the prevention or treatment of Alzheimer's disease.
Pathway	: Others
Target	: Other Targets
Receptor	: TFEB
Solubility	: DMSO:59 mg/mL (200.45 mM)Ethanol:2 mg/mL (6.79 mM)
SMILES	: <chem>COc1ccccc1/C=C/C(=O)/C=C/c1ccccc1OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Song JX et al. A novel curcumin analog binds to and activates TFEB in vitro and in vivo independent of MTOR inhibition. Autophagy. 2016 Aug 2;12(8):1372-89.