

Product Name	: ASC-JM-17
Synonyms	: —
Cat No.	: M36370
CAS Number	: 1039760-91-2
Molecular Formula	: C ₂₈ H ₃₂ O ₆
Formula Weight	: 464.55
Chemical Name	: —
Description	ASC-JM-17 is an activator of both Nrf1 and Nrf2 proteins. ASC-JM17 acts on Nrf1, Nrf2 and Hsf1 to increase the expression of proteasome subunits, antioxidant enzymes and molecular chaperones. ASC-JM17 ameliorates toxicity of the mutant androgen receptor (AR) responsible for SBMA in cell, fly and mouse models. Knockdown of the Drosophila Nrf1 and Nrf2 ortholog cap 'n' collar isoform-C, but not Hsf1, blocks the protective effect of ASC-JM17 on mutant AR-induced eye degeneration in flies.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: —
SMILES	: <chem>O(CCC1)C/C=C/C2=CC(OC)=C(OC)C=C2)C/C=C/C3=CC(OC)=C(OC)C=C3)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: