

Product Name	: hSMG-1 inhibitor 11e
Synonyms	: —
Cat No.	: M28042
CAS Number	: 1402452-10-1
Molecular Formula	: C ₂₆ H ₂₇ N ₇ O ₃ S
Formula Weight	: 517.6
Chemical Name	: —
Description	: hSMG-1 inhibitor 11e is a potent and selective hSMG-1 kinase inhibitor with an IC ₅₀ of 900-fold selectivity over mTOR (IC ₅₀ of 45 nM), PI3Kα/γ (IC ₅₀ s of 61 nM and 92 nM) and CDK1/CDK2 (IC ₅₀ s of 32 μM and 7.1 μM). (In Vitro); hSMG-1 inhibitor 11e exhibits an IC ₅₀ of 900-fold selectivity over mTOR (IC ₅₀ = 45 nM), PI3Kα/γ (IC ₅₀ = 61 nM), PI3Kγ (IC ₅₀ = 92 nM), CDK1 (IC ₅₀ = 32 μM) and CDK2 (IC ₅₀ = 7.1 μM).
Pathway	: Others
Target	: Other Targets
Receptor	: COX-1; COX-2; Xanthine Oxidase
Solubility	: —
SMILES	: N/A
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Arimboor R, et al. Tetrahydroamentoflavone (THA) from *Semecarpus anacardium* as a potent inhibitor of xanthine oxidase. *J Ethnopharmacol.* 2011 Feb 16;133(3):1117-20.