

Product Name	: RA-839
Synonyms	: —
Cat No.	: M34388
CAS Number	: 1832713-02-6
Molecular Formula	: C ₂₅ H ₂₈ N ₂ O ₄ S
Formula Weight	: 452.57
Chemical Name	: —
Description	RA839 is a noncovalent small molecule binder to Keap1 with a K _d of ~6 μM and selective activator of Nrf2 signaling. RA839 prevents the induction of both inducible nitric-oxide synthase expression and nitric oxide release in response to lipopolysaccharides in macrophages. RA839 is a selective inhibitor of the Keap1/Nrf2 interaction and a useful tool compound to study the biology of Nrf2.
Pathway	: Nuclear Receptor/Transcription Factor
Target	: Keap1-Nrf2
Receptor	: Nrf2
Solubility	: In Vitro: ?DMSO : 100 mg/mL (220.96 mM; Ultrasonic)
SMILES	: <chem>Cc1cc(C)c(C)c(c1C)S(=O)(=O)Nc1ccc(N2CC[C@@H](C2)C(=O)=O)c2ccccc12</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Winkel AF, et al. Characterization of RA839, a Noncovalent Small Molecule Binder to Keap1 and Selective Activator of Nrf2 Signaling. J Biol Chem. 2015;290(47):28446-28455.?