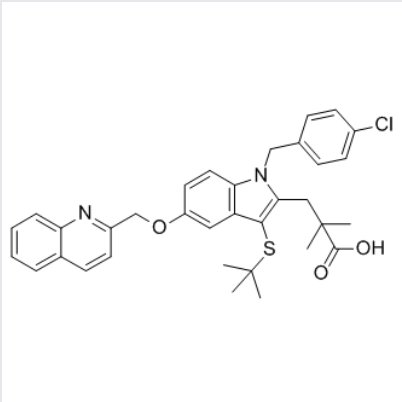
Mk-0591 (Quiflapon)

PRODUCT OVERVIEW

Product Name	MK-0591, Biochemical
Full Product Name	MK-0591
Product Synonym Names	Quiflapon; MK-591; L-686708
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	587.1713
Suitability	10mM in DMSO
Target	FLAP
Receptor	FLAP
Chemical Name	1H-Indole-2-propanoic acid, 1-[(4-chlorophenyl)methyl]-3-[(1, 1-dimethylethyl)thio]-alpha, alpha-dimethyl-5-(2-quinolinylmethoxy)
SMILES	O=C(O)C(C)(C)CC(N1CC2=CC=C(Cl)C=C2)=C(SC(C)(C)C)C3=C1C=CC(OCC4=NC5=CC=CC=C5C=C4)=C3
Molecular Formula	C34H35ClN2O3S
CAS Number	136668-42-3
Product Categories/Family for MK-0591 biochemical	Asthma; Immunology/Inflammation; Inflammation/Immunology
Related Product Information for MK-0591 biochemical	A potent, specific and orally active 5-Lipoxygenase-activating protein (FLAP) inhibitor with IC50 of 1.6 nM in FLAP binding assay.
Product References and Citations for MK-0591 biochemical	1. Diamant Z, et al. J Allergy Clin Immunol. 1995 Jan; 95 (1 Pt 1):42-51. 2. Brideau C, et al. Can J Physiol Pharmacol. 1992 Jun; 70 (6):799-807. 3. Mienard L, et al. Can J Physiol Pharmacol. 1992 Jun; 70 (6):808-13.
Other Notes	Small volumes of MK-0591 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MK-0591 purchase	MBS3601514 is a biochemical targeting MK-0591.



Structure of MK-0591 biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/mk-0591/3601514