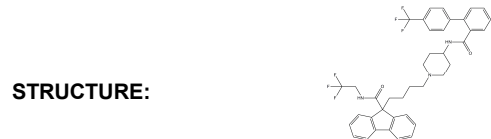


**PRODUCT: Lomitapide**

**ALTERNATE NAME:** N-(2,2,2-trifluoroethyl)-9-(4-(4-(4'-(trifluoromethyl)-[1,1'-biphenyl]-2-ylcarboxamido)piperidin-1-yl)butyl)-9H-fluorene-9-carboxamide; BMS201038; AEGR773

**CATALOG #:** 2876-5, 25

**AMOUNT:** 5 mg, 25 mg



**MOLECULAR FORMULA:** C<sub>39</sub>H<sub>37</sub>F<sub>6</sub>N<sub>3</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 693.72

**CAS NUMBER:** 182431-12-5

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO (~ 5 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Lomitapide is a small molecule that lowers total cholesterol levels by inhibiting microsomal triglyceride transfer protein (MTTP) and preventing the assembly of apoB-containing lipoproteins and VLDL synthesis. Lomitapide is also a substrate and inhibitor of CYP3A4.

**REFERENCES:** Sulsky, R., *et al.* (2004). *Bioorg. Med. Chem.Lett.* **14**, 5067-5070.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

CETP Activity Fluorometric Assay Kit (**K601-100**)

CETP Activity Fluorometric Assay Kit II (**K595-100**)

CETP Inhibitor Drug Screening Kit (Fluorometric) (**K602-100**)

CETP Inhibitor Drug Screening Kit II (Fluorometric) (**K594-100**)

Anacetrapib (**Cat. No. 2418-1, 5**)

EZSolution™ Anacetrapib (**Cat. No. 2531-1**)

CETP Antibody (**Cat. No. 3413-100**)

CETP Antibody (**Cat. No. 6606-200**)

CETP, human recombinant (**Cat. No. 7606-20, 100, 1000**)

Dalcetrapib (**Cat. No. 2419-2, 10**)

EZSolution™ Dalcetrapib (**Cat. No. 2532-1**)

Sclerotiorin (**Cat. No. 2334-250, 1000**)

Torcetrapib (**Cat. No. 2420-5, 25**)

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**