

**Product Name:** BMS 795311

**Catalog No.:** 5762

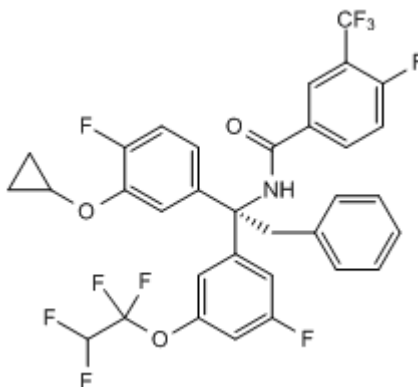
**Batch No.:** 1

CAS Number: 939390-99-5

IUPAC Name: *N*-[(1*R*)-1-[3-(Cyclopropyloxy)-4-fluorophenyl]-1-[3-fluoro-5-(1,1,2,2-tetrafluoroethoxy)phenyl]-2-phenylethyl]-4-fluoro-3-(trifluoromethyl)benzamide

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>33</sub>H<sub>23</sub>F<sub>10</sub>NO<sub>3</sub>  
**Batch Molecular Weight:** 671.52  
**Physical Appearance:** White solid  
**Solubility:** DMSO to 100 mM  
 ethanol to 100 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**TLC:** R<sub>f</sub> = 0.2 (Dichloromethane/Petrol 1:1)  
**HPLC:** Shows >98.2% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure  
**Optical Rotation:** [α]<sub>D</sub> = 21.1 (Concentration = 0.93, Solvent = Methanol)  
**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	59.02	3.45	2.09
Found	58.73	3.46	1.98

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Description:**

Potent cholesteryl ester transfer protein (CETP) inhibitor (IC<sub>50</sub> = 4 nM in an enzyme-based scintillation proximity assay). Inhibits cholesteryl ester transfer and increases HDL-C levels in vivo. Orally bioavailable.

**Physical and Chemical Properties:**

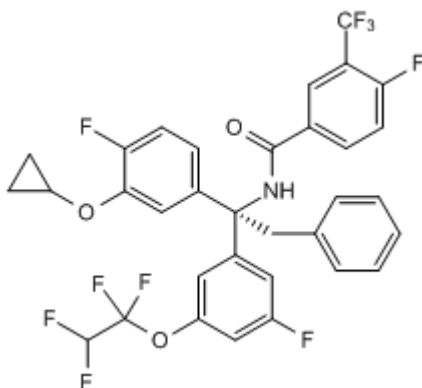
Batch Molecular Formula: C<sub>33</sub>H<sub>23</sub>F<sub>10</sub>NO<sub>3</sub>

Batch Molecular Weight: 671.52

Physical Appearance: White solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at -20°C

**Solubility & Usage Info:**

DMSO to 100 mM  
ethanol to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**

Qiao *et al* (2015) Triphenylethanamine derivatives as cholesteryl ester transfer protein inhibitors: discovery of *N*-[(1*R*)-1-(3-cyclopropoxy-4-fluorophenyl)-1-[3-fluoro-5-(1,1,2,2-tetrafluoroethoxy)phenyl]-2-phenylethyl]-4-fluoro-3-(trifluoromethyl)benzamide (BMS-795311). *J. Med. Chem.* **58** 9010. PMID: 26524347 .

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