**Product Name**: SAR439859

**Catalog Number**: T12832

**CAS Number**: 2114339-57-8

**Molecular Formula**: C31H30Cl2FNO3

**Molecular Weight**: 554.48

**Description**: SAR439859 is an orally active, nonsteroidal and selective degrader of estrogen receptor (SERD). SAR439859 is a potent antagonist of ER (with an EC50 of 0.2 nM for ERα degradation).

**Storage**: 2 years -80°C in solvent; 3 years -20°C powder;

<table>
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<tr>
<th>Receptor (IC50)</th>
<th>ERα</th>
<th>0.2 nM (EC50)</th>
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**In vitro Activity**

In vitro SAR439859 induces strong antitumor activity against a variety of BC cell lines and patient-derived xenografts, including models that harbor ERα mutations[1].

**In vivo Activity**

SAR439859 (orally; 2.5-25 mg/kg; twice daily for 30 days) exhibits substantial tumor-growth inhibition and displays tumor regression at the dose of 25 mg/kg/BID[1]. It is noticed that T1/2 was variable across species (1.98 h in mouse, 4.13 h in rat and 9.80 h in dog)[1].

**Reference**


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