

# CX-157

Catalog No: tcsc0018174



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

205187-53-7

**Formula:**

$C_{14}H_8F_4O_4S$

**Pathway:**

Neuronal Signaling

**Target:**

Monoamine Oxidase

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

348.27

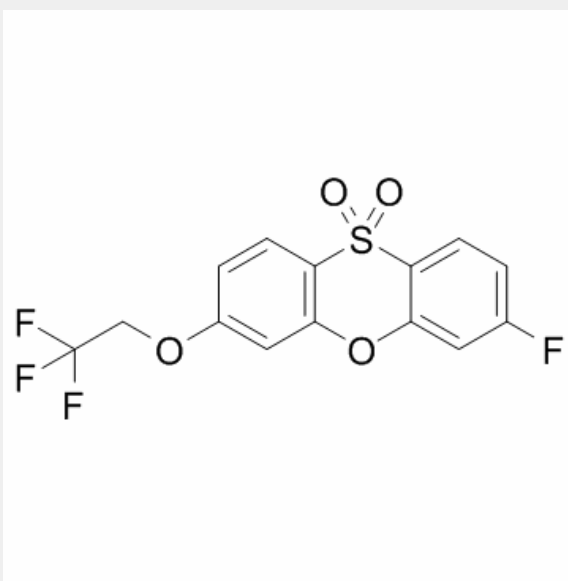
## Product Description

CX-157 is a reversible inhibitor of **monoamine oxidase-A (MAO-A)** with an **EC<sub>50</sub>** of 19.3 ng/mL.

IC50 & Target: EC50: 19.3 ng/mL (MAO-A)<sup>[1]</sup>

***In Vivo:***

CX-157 is a reversible inhibitor of monoamine oxidase-A (MAO-A) with an  $EC_{50}$  of 19.3 ng/mL. CX-157 is an investigational compound currently in development for the treatment of major depressive disorder (MDD). Mechanistic studies in animals have shown that CX-157 acts to inhibit MAO-A activity in a reversible and competitive manner, elevating brain levels of monoamine neurotransmitters<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!