

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



## DATASHEET

Escitalopram oxalate

### Product overview

<b>Name</b>	Escitalopram oxalate
<b>Cat No</b>	HB1804
<b>Biological action</b>	Inhibitor
<b>Purity</b>	>99%
<b>Description</b>	Selective serotonin reuptake inhibitor (SSRI)

### Biological Data

<b>Biological description</b>	Selective serotonin reuptake inhibitor (SSRI) ( $K_i$ values are 0.89, 8150, and 10500 nM for SET, NET and DAT transporters respectively).
-------------------------------	--

### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Solubility overview</b>	Soluble in water (50mM) and in DMSO (100mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	(+)-(S)-1-[3-(Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancar bonitrile oxalate
<b>Molecular Weight</b>	414.43
<b>Molecular Formula</b>	$C_{20}H_{21}FN_2O \cdot C_2H_2O_4$
<b>CAS Number</b>	219861-08-2
<b>PubChem identifier</b>	146571
<b>SMILES</b>	<chem>CN(C)CCC[C@@]1(C2=C(CO1)C=C(C=C2)C#N)C3=CC=C(C=C3)F.C(=O)(C(=O)O)O</chem>
<b>InChi</b>	InChI=1S/C20H21FN2O.C2H2O4/c1-23(2)11-3-10-20(17-5-7-18(21)8-6-17)19-9-4-15(13-22)12-16(19)14-24-20;3-1(4)2(5)6/h4-9,12H,3,10-11,14H2,1-2H3;(H,3,4)(H,5,6)/t20-;/m0./s1
<b>InChiKey</b>	KTGRHKOEFSJQNS-BDQAORGHSA-N
<b>MDL number</b>	MFCD06407826