

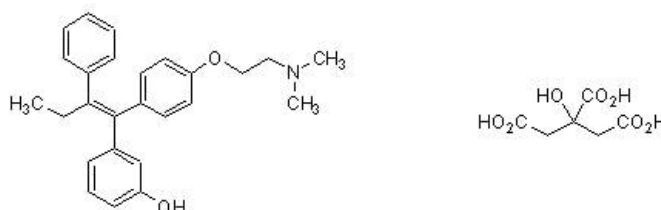
Product datasheet

Droloxifene citrate, estrogen receptor antagonist ab142745

1 Image

Overview

Product name	Droloxifene citrate, estrogen receptor antagonist
Description	Estrogen receptor antagonist
Biological description	Estrogen receptor antagonist. 10-fold greater binding affinity to the estrogen receptor than tamoxifen (ab120656). Inhibits growth of ER-positive tumor cells. Orally active. Antitumor agent. Active <i>in vitro</i> and <i>in vivo</i> .
Purity	> 98%
CAS Number	97752-20-0
Chemical structure	

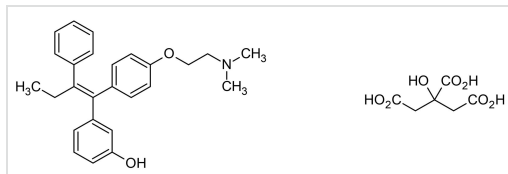


Properties

Chemical name	3-[(E)-1-[4-[2-(Dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol citrate
Molecular weight	579.64
Molecular formula	C ₂₆ H ₂₉ NO ₂ .C ₆ H ₈ O ₇
PubChem identifier	3033766
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES	<chem>CCC(=C(C1=CC=C(C=C1)OCCN(C)C)C2=CC(=CC=C2)O)C3=CC=CC=C3.C(C(=O)O)C(CC(=O)O)(C(=O)O)O</chem>
Source	Synthetic

Images



2D chemical structure image of ab142745, Droloxifene citrate, estrogen receptor antagonist

Chemical Structure - Droloxifene citrate, estrogen receptor antagonist (ab142745)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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