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Product Datasheet

Tesmilifene HCl, CAS [[92981-78-7]] FBM-10-1085

Artikelname	Tesmilifene HCl, CAS [[92981-78-7]]
Artikelnummer	FBM-10-1085
Hersteller Artikelnummer	10-1085
Alternativnummer	FBM-10-1085-5MG, FBM-10-1085-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Anti-estrogen, Chemo-potentiating agent...
Molekulargewicht	319.87
Reinheit	>98% by TLC, NMR Conforms
Formulierung	White solid
CAS Nummer	[92981-78-7]
Formel	C19H25NO

Anwendungsbeschreibung	Tesmilifene, an analog of tamoxifen, acts as a chemopotentiator and antineoplastic agent and was developed for the treatment of breast cancer but never marketed.¹ It binds with high affinity to the anti-estrogen binding site (AEBS) in rat liver microsomes but does not bind to the estrogen receptor (at or below 10 μM) .² Displaces histamine from AEBS, an activity which correlates with its cytotoxic effects on breast cancer cells.² Enhances the cytotoxicity of taxol, epirubicin, doxorubicin and vinorelbine in multidrug resistance cell lines.³ It has been shown to increase the permeability of the blood-brain and blood-glioma barrier in culture and animal models by modifying brain endothelial functions.⁴
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