
N-Desmethyltamoxifen hydrochloride

产品编号: D51381

CAS: 15917-65-4

分子式: C₂₅H₂₈ClNO

纯度: ≥98%

InChi: InChI=1S/C₂₅H₂₇NO.ClH/c1-3-24(20-10-6-4-7-11-20)25(21-12-8-5-9-13-21)22-14-16-23(17-15-22)27-19-18-26-2;/h4-17,26H,3,18-19H₂,1-2H₃;1H/b25-24-;

InChi Key: GMLHJWZEYLTNJW-BJFQDICYSA-N

Smiles: Cl.CC/C(=C(\C1C=CC=CC=1)/C1C=CC(=CC=1)OCCNC)/C1C=CC=CC=1

外观: 固体粉末

作用通路: Drug Metabolite

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: N-Desmethyltamoxifen hydrochloride is the major metabolite of tamoxifen in humans. N-Desmethyltamoxifen, a poor antiestrogen, is a ten-fold more potent protein kinase C (PKC) inhibitor than Tamoxifen. N-Desmethyltamoxifen hydrochloride is also a potent regulator of ceramide metabolism in human AML cells, limiting ceramide glycosylation, hydrolysis, and sphingosine phosphorylation.