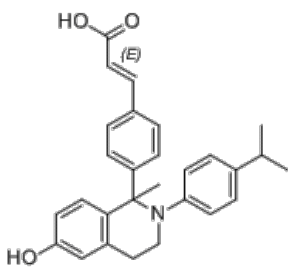


Product Name	: THIQ 40	
Synonyms	: THIQ40	
Cat No.	: M12721	
CAS Number	: 1799430-91-3	
Molecular Formula	: C ₂₈ H ₂₉ NO ₃	
Formula Weight	: 427.54	
Chemical Name	: (E)-3-(4-(6-Hydroxy-2-(4-isopropylphenyl)-1-methyl-1,2,3,4-tetrahydroisoquinolin-1-yl)phenyl)acrylic Acid	
Description	: THIQ 40 (THIQ40) is a potent, orally available ER α antagonist and selective estrogen receptor degrader (SERD) with IC ₅₀ of 17 nM (ER α binding) and 30 nM (ER α transcription), IC ₅₀ of 0.9 nM (ER α degradation); potently inhibits insulin driven proliferation in MCF-7 cells with IC ₅₀ of 2.1 nM, downregulate ER α protein levels and inhibit MCF-7 proliferation in an estradiol-independent manner; demonstrated SERD activity at tolerated and efficacious exposures in vivo.	
Pathway	: Endocrinology/Hormones	
Target	: Estrogen Receptor/ERR	
Receptor	: Estrogen Receptor/ERR	
Solubility	: —	
SMILES	: <chem>CC(C)C1=CC=C(C=C1)N2CCC3=C(C2(C)C4=CC=C(C=C4)C=CC(=O)O)C=CC(=C3)O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Burks HE, et al. J Med Chem. 2017 Apr 13;60(7):2790-2818.