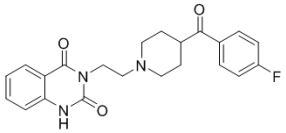
Product Name	:	Ketanserin
Synonyms	:	R41468
Cat No.	:	M15827
CAS Number	:	74050-98-9
Molecular Formula	:	C22H22FN3O3
Formula Weight	:	395.43
Chemical Name	:	2,4(1H,3H)-Quinazolinedione, 3-[2-[4-(4-fluorobenzoyl)-1-piperidinyl]ethyl]-
Description	:	A high-affinity, non-selective antagonist of 5-HT2 receptor with Ki of 2-3 nM for 5-HT2A and 28 nM for 5-HT2C; also has a high affinity antagonist for the H1 receptor (Ki= 2 nM) and α1-adrenergic receptor (Ki=40 nM); an antihypertensive agent.Hypertension Approved
Pathway	:	Endocrinology/Hormones
Target	:	5-HT Receptor
Receptor	:	5-HT2A;5-HT2C(Human);5-HT2C(Rat)
Solubility	:	DMSO: 8 mg/mL
SMILES	:	O=C(N1CCN2CCC(C(C3=CC=C(F)C=C3)=O)CC2)NC4=C(C=CC=C4)C1=O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Creed-Carson M, et al. Behav Brain Res. 2011 Jun 1;219(2):273-9.| 2. Catafau AM, et al. J Cereb Blood Flow Metab. 2010 May;30(5):985-93.

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