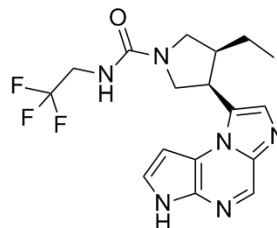


Product Name	: Upadacitinib
Synonyms	: ABT-494;ABT494;ABT 494
Cat No.	: M11246
CAS Number	: 1310726-60-3
Molecular Formula	: C ₁₇ H ₁₉ F ₃ N ₆ O
Formula Weight	: 380.37
Chemical Name	: 1-Pyrrolidinecarboxamide, 3-ethyl-4-(3H-imidazo[1,2-a]pyrrolo[2,3-e]pyrazin-8-yl)-N-(2,2,2-trifluoroethyl)-, (3S,4R)-
Description	Upadacitinib (ABT-494) is a potent and selective JAK1 inhibitor with cellular IC ₅₀ of 8 nM, biochemical IC ₅₀ of 40 nM; displays 74-fold and 50-fold selectivity over JAK2 and JAK3, respectively; a second-generation JAK inhibitor in development for rheumatoid arthritis. Rheumatoid Arthritis Phase 3 Clinical
Pathway	: Angiogenesis
Target	: JAK
Receptor	: JAK1;JAK2
Solubility	: DMSO: ≥ 22 mg/mL
SMILES	: <chem>CCC1CN(CC1C2=CN=C3N2C4=C(NC=C4)N=C3)C(=O)NCC(F)(F)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Genovese MC, et al. Arthritis Rheumatol. 2016 Dec;68(12):2857-2866. | 2. Kremer JM, et al. Arthritis Rheumatol. 2016 Dec;68(12):2867-2877. | 3. Mohamed MF, et al. Clin Pharmacokinet. 2016 Dec;55(12):1547-1558.