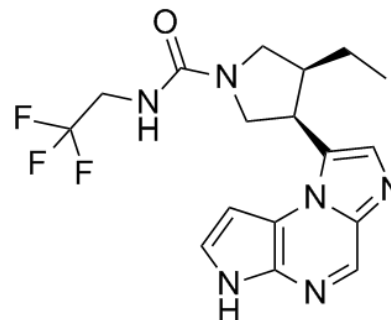


**Product Name** : Upadacitinib  
**Cat. No.** : PC-45653  
**CAS No.** : 1310726-60-3  
**Molecular Formula** : C<sub>17</sub>H<sub>19</sub>F<sub>3</sub>N<sub>6</sub>O  
**Molecular Weight** : 380.3676  
**Target** : JAK  
**Solubility** : DMSO: ≥ 22 mg/mL



## Biological Activity

Upadacitinib (ABT-494) is a potent and selective **JAK1** inhibitor with cellular IC<sub>50</sub> of 8 nM, biochemical IC<sub>50</sub> of 40 nM. Upadacitinib (ABT-494) displays 74-fold and 50-fold selectivity over JAK2 and JAK3, respectively. Upadacitinib (ABT-494) is a second-generation JAK inhibitor in development for rheumatoid arthritis.

## References

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

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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