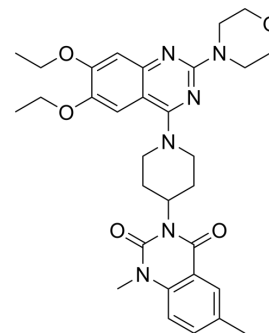


## KF24345 free base

Cat. No.:	HY-117569
CAS No.:	178750-21-5
Molecular Formula:	C <sub>31</sub> H <sub>38</sub> N <sub>6</sub> O <sub>5</sub>
Molecular Weight:	574.67
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

KF24345 free base is an orally active adenosine uptake inhibitor. KF24345 free base inhibits adenosine uptake by human, mouse, rabbit and hamster erythrocytes with IC<sub>50</sub> values of 59.5, 130.1, 104.2 and 30.9 nM, respectively. KF24345 free base has anti-inflammatory activity and can inhibit LPS-induced TNF- $\alpha$  production and leukopenia in mice<sup>[1]</sup>.

## REFERENCES

[1]. Noji T, et al. KF24345, an adenosine uptake inhibitor, suppresses lipopolysaccharide-induced tumor necrosis factor- $\alpha$  production and leukopenia via endogenous adenosine in mice[J]. Journal of Pharmacology and Experimental Therapeutics, 2002, 300(1): 200-205.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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