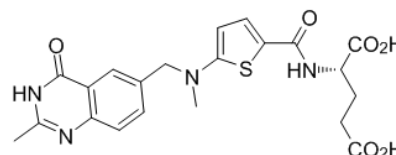


**Product Name** : Raltitrexed  
**Cat. No.** : PC-42711  
**CAS No.** : 112887-68-0  
**Molecular Formula** : C<sub>21</sub>H<sub>22</sub>N<sub>4</sub>O<sub>6</sub>S  
**Molecular Weight** : 458.4876  
**Target** : Nucleoside Antimetabolite/Analog  
**Solubility** : DMSO: ≥ 29 mg/mL



## Biological Activity

A quinazoline antifolate **thymidylate synthase** (TS) inhibitor with K<sub>i</sub> of 62 nM; inhibits TS with IC<sub>50</sub> of 2.5 nM and L1210 tumor cell growth with IC<sub>50</sub> of 8 nM; active in vivo.  
Chemotherapeutic Agents  
Approved

## References

- Jackman AL, et al. *Cancer Res.* 1991 Oct 15;51(20):5579-86.  
Yin MB, et al. *Cancer Res.* 1992 Nov 1;52(21):5900-5.  
Pressacco J, et al. *Cancer Res.* 1995 Apr 1;55(7):1505-8.

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

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