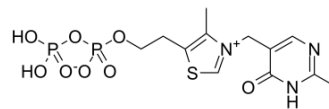


Oxythiamine diphosphate

Cat. No.:	HY-112889
CAS No.:	10497-04-8
Molecular Formula:	C ₁₂ H ₁₇ N ₃ O ₈ P ₂ S
Molecular Weight:	425.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Oxythiamine diphosphate is a competitive inhibitor of thiamine pyrophosphate , with a K _i of 30 nM ^[1] .
IC ₅₀ & Target	Ki: 30 nM (thiamine pyrophosphate) ^[1] .

REFERENCES

[1]. Heinrich PC, et al. Studies on the reconstitution of apotransketolase with thiamine pyrophosphate and analogs of the coenzyme. Eur J Biochem. 1972 Nov 7;30(3):533-41.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA