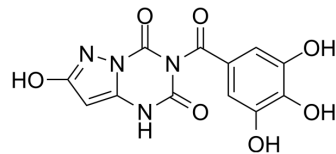


Antioxidant agent-13

Cat. No.:	HY-155123
CAS No.:	2966778-87-8
Molecular Formula:	C ₁₂ H ₈ N ₄ O ₇
Molecular Weight:	320.21
Target:	Monoamine Oxidase; Xanthine Oxidase
Pathway:	Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antioxidant agent-13 (Compound 5f) is an antioxidant agent. Antioxidant agent-13 inhibits DPPH and FRAP with IC ₅₀ s of 80.33 and 85.69 μM. Antioxidant agent-13 also inhibits LOX and XO enzymes with IC ₅₀ s of 16.85 and 23.01 μM ^[1] .
IC ₅₀ & Target	16.85 and 23.01 μM (LOX and XO) ^[1]

REFERENCES

[1]. M.S. Raghu, et al. Synthesis, enzyme inhibition and molecular docking studies of pyrazolo[1,5-a][1,3,5] triazine derivatives as potential antioxidant agents. Journal of Molecular Structure. Volume 1294, Part 1, 15 December 2023, 136332.

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