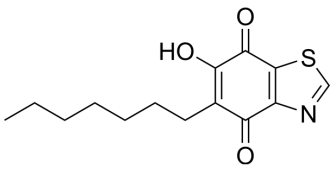
5-n-Heptyl-6-hydroxy-4,7-dioxobenzothiazole

Cat. No.:	HY-156136
CAS No.:	611207-02-4
Molecular Formula:	$C_{14}H_{17}NO_3S$
Molecular Weight:	279.35
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-n-Heptyl-6-hydroxy-4,7-dioxobenzothiazole is a competitive Q_o site inhibitor of the cytochrome bc 1 complex (cytochrome c oxidoreductase) from Saccharomyces cerevisiae[1].
IC_{50} & Target	Q_o site[1].

REFERENCES

[1]. Palsdottir H, et al. Structure of the yeast cytochrome bc1 complex with a hydroxyquinone anion Qo site inhibitor bound. J Biol Chem. 2003 Aug 15;278(33):31303-11.

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