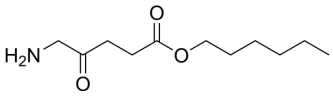
Hexyl 5-aminolevulinate

Cat. No.:	HY-157943
CAS No.:	140898-97-1
Molecular Formula:	$C_{11}H_{21}NO_3$
Molecular Weight:	215.29
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Hexyl 5-aminolevulinate (HAL) is a photosensitizer, and can increase the efficiency of PDT due to the high lipophilicity. Hexyl 5-aminolevulinate can be used for research of photodynamic therapy (PDT)[1].
In Vivo	Hexyl 5-aminolevulinate (8 mM, instilled in the bladder for 1 h; 20 J/cm^2 at 635 nm, for 2 h) reduces tumor size in a rat bladder cancer model[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Larsen EL, et al. Monitoring of hexyl 5-aminolevulinate-induced photodynamic therapy in rat bladder cancer by optical spectroscopy. J Biomed Opt. 2008 Jul-Aug;13(4):044031.

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