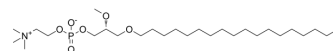


## (R)-Edelfosine

**Cat. No.:** HY-108610  
**CAS No.:** 77286-66-9  
**Molecular Formula:** C<sub>27</sub>H<sub>58</sub>NO<sub>6</sub>P  
**Molecular Weight:** 523.73  
**Target:** HIV  
**Pathway:** Anti-infection  
**Storage:** Powder -20°C 3 years  
 In solvent -80°C 6 months  
 -20°C 1 month



### SOLVENT & SOLUBILITY

#### In Vitro

PBS : 1 mg/mL (1.91 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9094 mL	9.5469 mL	19.0938 mL
	5 mM		---	---	---
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

(R)-Edelfosine ((R)-ET-18-OCH<sub>3</sub>) is a ether lipid analog with anti-HIV and antineoplastic activity<sup>[1]</sup>.

### REFERENCES

[1]. Xie X, et al. Interdigitation of bilayers from ether lipid analogs: (R)-PAF, (R)-Lyso-PAF and the antineoplastic (R)-ET-18-OMe. Biochim Biophys Acta. 1996 Aug 14;1283(1):111-8.

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

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