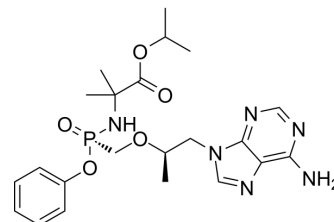


## (R,1R)-Tenofovir amibufenamide

<b>Cat. No.:</b>	HY-137453C
<b>CAS No.:</b>	1571076-37-3
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>31</sub> N <sub>6</sub> O <sub>5</sub> P
<b>Molecular Weight:</b>	490.49
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 200 mg/mL (407.76 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0388 mL	10.1939 mL	20.3878 mL
	5 mM	0.4078 mL	2.0388 mL	4.0776 mL
	10 mM	0.2039 mL	1.0194 mL	2.0388 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(R,1R)-Tenofovir amibufenamide ((R,1R)-HS-10234) can be used for the purifying a tenofovir prodrug. Tynofovir (tenofovir) is a nucleoside acids reverse transcriptase inhibitors<sup>[1]</sup>.

### REFERENCES

[1]. FuRao Zhang, et al. Method for purifying a tenofovir prodrug. CN104558035A

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

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