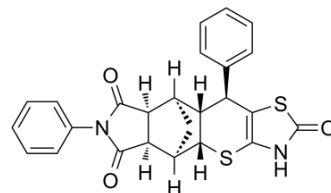


TSHR antagonist S37b

Cat. No.:	HY-129995		
CAS No.:	2143452-22-4		
Molecular Formula:	C ₂₅ H ₂₀ N ₂ O ₃ S ₂		
Molecular Weight:	460.57		
Target:	TSH Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	TSHR antagonist S37b is the less effective enantiomer of TSHR antagonist S37a (HY-129995A). TSHR antagonist S37b shows only a minor effect for thyrotropin receptor (TSHR) inhibition. TSHR antagonist S37b can be used for the research of thyroid function ^[1] .
IC₅₀ & Target	TSHR ^[1]

REFERENCES

[1]. Marcinkowski P, et al. A New Highly Thyrotropin Receptor-Selective Small-Molecule Antagonist with Potential for the Treatment of Graves' Orbitopathy. *Thyroid*. 2019 Jan;29(1):111-123.

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

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