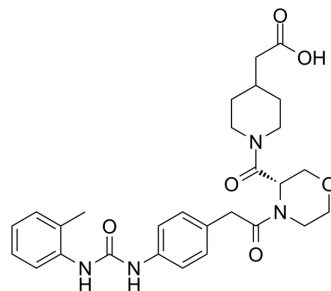


TCS 2314

Cat. No.:	HY-12308		
CAS No.:	317353-73-4		
Molecular Formula:	C ₂₈ H ₃₄ N ₄ O ₆		
Molecular Weight:	522.59		
Target:	Integrin		
Pathway:	Cytoskeleton		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	TCS 2314 (compound 3) is orally active and selective very late antigen-4 (VLA-4, $\alpha 4\beta 1$, CD49d/CD29) antagonist with an IC ₅₀ of 4.4 nM ^[1] .
IC ₅₀ & Target	IC50: 4.4 nM (Very late antigen-4) ^[1]

REFERENCES

[1]. Muro F, et al. Discovery of trans-4-[1-[[2,5-Dichloro-4-(1-methyl-3-indolylcarboxamido)phenyl]acetyl]- (4S)-methoxy-(2S)-pyrrolidinylmethoxy]cyclohexanecarboxylic acid: an orally active, selective very late antigen-4 antagonist. J Med Chem. 2009 Dec 24;52(24):7974-92.

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

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