

TAPI-1 - CAS 171235-71-5 - Calbiochem TAPI-1, CAS 171235-71-5, is a structural analog of TAPI-0 with similar in vitro efficacy for the inhibition of MMPs and TACE. Blocks the shedding of several cell surface proteins.

Art. ID SAF-579051-1MG

Unit 1 x 1 mg

Description

A structural analog of TAPI-0 (Cat. No. 579050) with similar in vitro efficacy for the inhibition of MMPs and TACE (TNF-alpha convertase, ADAM17). However, TAPI-1 is more stable in serum than TAPI-0. TAPI-1 Blocks the shedding of several cell surface proteins such as TNF-alpha, IL-6 receptor, and p60 and p80 TNF receptors. Inhibits constitutive (IC₅₀ = 8.09 $\times 10^{-8}$ M) and muscarinic receptor-stimulated (IC₅₀ = 3.61 $\times 10^{-8}$ M) sAPPa release in HEK-293 cells expressing muscarinic receptors. Also blocks the TACE-dependent constitutive release of co-transfected APP(695) (IC₅₀ = 920 nM)., A structural analog of TAPI-0 (Cat. No. 579050) with similar in vitro efficacy for the inhibition of MMPs and TACE (TNF-alpha converting enzyme/ADAM17). TAPI-1 also blocks the shedding of several cell surface proteins such as IL-6 receptor, p60 TNF receptor, and p80 TNF receptor. Blocks constitutive (IC₅₀ = 8.09 $\times 10^{-8}$ M) and muscarinic receptor-stimulated (IC₅₀ = 3.61 $\times 10^{-8}$ M) sAAPalpha release in HEK 293 cells expressing M3 muscarinic receptors. A 10 mM (500 $\times 10^{-3}$ g/100 $\times 10^{-3}$ l) solution of TAPI-1 (Cat. No. 579050) in DMSO is also available.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	TAPI-1	[171235-71-5]				