

VIP(Guinea pig) TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Vasoactive Intestinal Peptide (VIP) Guinea pig TFA, a trophic and mitogenic factor, promotes growth in cultured whole embryos and acts as a gastrointestinal hormone, while also indicating potential neurotransmitter functions [1] [2].
Targets(IC50)	PACAP
In vitro	Vasoactive intestinal peptide at a concentration of 10^{-7} M significantly accelerated the cell cycle of neuroepithelial cells by reducing the duration of the S phase and the G1 phase by 50% (from 4.8 to 2.4 hours) and 58% (from 1.9 to 0.8 hours), respectively, when compared with control samples [1].

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