

Guanylin(human) TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
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	Guanylin (human) TFA is a 15-amino acid peptide that serves as an endogenous activator of intestinal guanylate cyclase. This compound is primarily located in the gastrointestinal tract, where it regulates electrolyte and water transport in the intestinal and renal epithelia through a mechanism dependent on cyclic GMP. [1][2]
Targets(IC50)	Endogenous Metabolite,Guanylate cyclase

Reference

- M G Currie, et al. Guanylin: an endogenous activator of intestinal guanylate cyclase. Proc Natl Acad Sci U S A. 1992 Feb 1;89(3):947-51.
- J Be?owski. Guanylin and related peptides. J Physiol Pharmacol. 2001 Sep;52(3):351-75.

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