

GAD65 (524-543)

Cat. No.:	HY-P5396
CAS No.:	152468-44-5
Molecular Formula:	C ₉₇ H ₁₆₈ N ₂₈ O ₂₈ S ₂
Molecular Weight:	2238.67
Sequence:	Ser-Arg-Leu-Ser-Lys-Val-Ala-Pro-Val-Ile-Lys-Ala-Arg-Met-Met-Glu-Tyr-Gly-Thr-Thr
Sequence Shortening:	SRLSKVAPVIKARMMEYGT
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

GAD65 (524-543) is a biological active peptide. (This is amino acids 524 to 543 fragment of glutamic acid decarboxylase 65 (GAD65). It is one of the first fragments of this islet antigen to induce proliferative T cell responses in the non-obese diabetic (NOD) mouse model of spontaneous autoimmune diabetes. This peptide is a specific, possibly low affinity, stimulus for the spontaneously arising diabetogenic T cell clone BDC2.5. Immunization with p524-543 increases the susceptibility of the NOD mice to type 1 diabetes induced by the adoptive transfer of BDC2.5 T cells.)

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