BRING THIS TO YOUR DOCTOR · GREY PEPTIDES

WE-14

Also called: WE-14; WE14; Chromogranin A (324-337)

What it is

WE-14 is a 14-amino-acid peptide cut from chromogranin A (human CgA 324-337, UniProt P10645), made in a distinct subpopulation of CgA cells. It is the natural chromogranin-A peptide recognised by diabetogenic CD4 T cells in type 1 diabetes — a weak autoantigen made potent by N-terminal modification in the NOD mouse and a target in newly diagnosed patients (PMID 26453556) — and a circulating marker for pheochromocytoma, raised about five-fold in patients' plasma and improving neuroendocrine-tumour diagnosis with CgA and EM66 (PMID 24523932). It is an endogenous research peptide, autoimmune target and marker, not an approved medicine, and has never been given to people as a treatment.

Approval status

Research Chemical. Not a drug: Drugs@FDA and the openFDA label endpoint hold no record, and FDA GSRS and ChEMBL hold no substance record for WE-14 (searched November 6, 2026). It is an endogenous chromogranin-A-derived peptide; there is no therapeutic development of WE-14 itself, and no registered interventional trial of giving it to people. It is studied as a type 1 diabetes autoantigen and as a neuroendocrine-tumour marker.

Dosing, as printed in the page's Recommended Dosing box

No established human dose

WE-14 is an endogenous chromogranin-A-derived peptide that has never been given to people as a treatment. The human studies measure the body's own WE-14 as a marker or study it as an immune target, and the rest of the work is in animals and cells.

Educational information, not medical advice. None is a recommendation for you. An unapproved compound has no established safe or effective human dose, and products sold for "research use only" are not made or tested for people. Talk to a doctor before acting on anything on this site, including before you start, stop or change any medicine or dose.

Key human evidence

The 1 human study carded on the page (6 study cards in all):

• **Plasma WE-14 is a pheochromocytoma marker** (Human, 2014). In patients with pheochromocytoma, plasma WE-14 was 5.4-fold higher than in healthy volunteers and returned to normal after the tumour was removed. WE-14 alone matched chromogranin A for diagnostic sensitivity (84%), and combining WE-14 with CgA and EM66 raised sensitivity to 95% overall and to 100% for paragangliomas and sporadic or malignant pheochromocytomas — supporting granin-processing peptides as complementary neuroendocrine-tumour markers (a human observational study). **PMID 24523932**

Interactions

A PubMed search for interaction studies of this compound with any drug (November 6, 2026, 1 record) found none in people. That is not evidence that it is safe to combine with anything.

Side effects and cautions

Reported side effects	Contraindications and cautions
• No human adverse-event data exist: no published study has administered WE-14 to people • WE-14 is a target of autoimmunity in type 1 diabetes (a disease mechanism, not a treatment), recognised by diabetogenic T cells in mice and patients (PMID 26453556) • The human study measures plasma WE-14 as a pheochromocytoma marker (PMID 24523932) • Material sold online as 'WE-14' is an unregulated research chemical of unverified content	• Not a medicine: no FDA application or label, and no approval anywhere • No human dosing, interaction, pregnancy or long-term safety data exist for administered WE-14 • It is a laboratory research peptide, an autoimmune target and a diagnostic marker, not a treatment • Its own signalling receptor and physiological role are not established

Five questions to ask

1. WE-14 is listed here as "Research Chemical". What does the evidence on this sheet mean for someone in my situation, and is there an approved treatment I should consider instead?
2. Here are the medicines and supplements I take. Do any of them interact with WE-14? This sheet records none published, which does not mean none exist.
3. Which side effects should make me stop and call you, for example no human adverse-event data exist: no published study has administered we-14 to people?
4. Do any of the cautions on this sheet apply to me, such as: Not a medicine: no FDA application or label, and no approval anywhere?
5. What should we check before I start and while I am on it (blood tests, blood pressure, weight), and how often?

Grey Peptides is a vendor-neutral encyclopedia: it sells nothing and names no seller. This sheet is educational, not medical advice, and is not a prescription.