

— THE SENN PEPTIDE PLATFORM

Swiss peptide synthesis. Gram to ton.

Peptide APIs, Fragments, Amino Acid Derivatives and Peptide Drug Conjugates — SPPS, LPPS, Hybrid and TAPS under one roof, feasibility to commercial supply.

1963

FOUNDED

2500 L

MAX REACTOR

200+

AAD CATALOGUE

Ton

LPPS SCALE



A Swiss peptide house since 1963 — now backed by scale.

Founded by Guido Senn in Dielsdorf, Zurich, Senn Chemicals has spent sixty years building custom peptides for pharma. Since joining the **Granules** group in April 2025, that Swiss expertise is paired with the reach and investment to scale from the gram bench to multi-ton commercial supply.

60+ YEARS IN PEPTIDES	4 SYNTHESIS PLATFORMS	40+ RESIDUES PER CHAIN	Two sites BENCH TO COMMERCIAL
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PLATFORMS & SCALE

SPPS	mg – few kg
LPPS WHERE SENN LEADS	>5 kg – tons
Hybrid	SPPS + LPPS
TAPS	low-purification
Peptide length	single AA – 40+

GMP

Swissmedic-
approved cGMP

US MARKET

US FDA-inspected

QUALITY

ISO 9001:2015
certified

GREEN CHEM

TFA-free
convergent routes

WHY LPPS MATTERS

5–50× lower process
mass intensity

Liquid-phase runs 5–50× lower PMI than solid-phase and is often chromatography-free — the difference between a viable and an unviable commercial peptide.



One partner across the whole lifecycle — on two continents.

Programmes move through a single, GMP-continuous pathway — no tech transfer between vendors as your molecule scales. Swiss cGMP development and complex chemistry in Dielsdorf; scale-up and commercial supply from Hyderabad.

PHASE 1

< 1 g

Feasibility · analytical sample

PHASE 2

< 100 g

Process development · representative sample

PHASE 3

1 – 10 kg

Scale-up · first production / pilot batch

PHASE 4

+10 kg

Commercial production — to ton

SWITZERLAND · DIELSDORF

cGMP DEVELOPMENT · COMPLEX CHEMISTRY · QC

Glass-lined reactors	100 – 2500 L
Hydrogenation	20 – 2500 L
SPPS vessels	0.25 – 400 L
Kilo-lab reactors	10 – 100 L
Lyophilisation	up to 20 kg ice
API aliquoting in Vials (freeze-dry)	up to 2,000 / batch
Preparative HPLC	to 30 cm DAC
Purification	RP · IEX · desalting

QUALITY CONTROL & ANALYTICS

Method development, qualification and validation · stability studies · impurity identification · enantiomeric purity · HPLC / GC · Karl-Fischer · batch release and CoA issuance.

INDIA · HYDERABAD

SCALE-UP & COMMERCIAL SUPPLY

Large-scale SPPS reactors	120 – 200 L
Commercial solution-phase	up to 6,000 L
Centre of Excellence	IIT Hyderabad

INDIAN PLATFORM

- Scale-up and commercial supply
- LPPS · SPPS · Hybrid · TAPS
- Modern peptide R&D facility
- Vertically integrated, Granules group
- Active GLP-1 program underway
- Particle Engineering
- Access to OSD development and mfg

DEVELOPMENT & SUPPORT

Route scouting, process development, analytical method development/validation, stability studies, DMF preparation, and tech-transfer support from a doctoral-level R&D team.

Swiss quality. Global scale.

PEPTIDE APIS

Single AA to 40+

Cyclic, bridged and lipidated peptides at GMP.

CONJUGATES

PDC chemistry

Linker-ready peptides, chelator conjugation, purification and characterization.

THERANOSTICS

10+ GMP campaigns

Cold-side precursor supply at commercial scale.

GLP-1

Building blocks

CAS-referenced catalogue sets.

AMINO-ACID DERIVATIVES — CATALOGUE PROOF

Off-the-shelf, CAS-referenced, Swissmedic-standard.

200+

TOTAL SKUS

50+

FMOC

50+

BOC

35+

Z-TYPE

Custom

TO ORDER

SWITZERLAND — DIELSDORF

Guido Senn-Strasse 1 CH-8157
Dielsdorf, Switzerland

R&D · kilo lab · GMP production · QC/QA ·
Warehouse.

INDIA — HYDERABAD

Granules Tower, Kondapur, Hyderabad,
Telangana 500084.

Peptide R&D; expanding ton-scale.



SENN

Let's talk peptides.

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