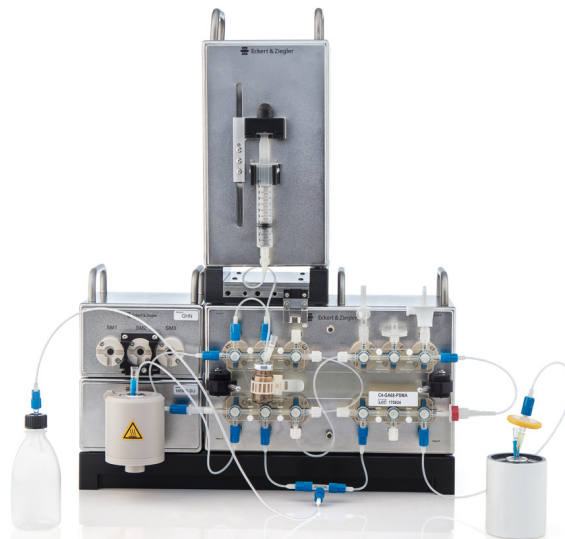


# Modular-Lab PharmTracer

Cassette-based solution for routine production

## Cassette Diversity

The fully automated synthesis system Modular-Lab PharmTracer works with sterile, disposable synthesis cassettes.



The use of sterile, disposable synthesis cassettes ensures the easy handling through click 'n' start technology. Just by changing the cassette the Modular-Lab PharmTracer is ready for the next synthesis run – even if it is a different tracer or nuclide than the one the customer has labeled before. Due to the cassettes' one-time use no reconditioning and cleaning or sanitation routines are necessary.

Cassettes are assembled under GMP-compliant clean room conditions, gamma-sterilized and vacuum-packed (ISO 14644-1). All cassette parts are chemical resistant and were tested for their suitability for the specific syntheses. All materials are free of animal derived ingredients. A shelf life of 18 months can be guaranteed.

Cassettes are available for the following  $^{64}\text{Cu}$ ,  $^{68}\text{Ga}$ ,  $^{111}\text{In}$ ,  $^{177}\text{Lu}$  and  $^{90}\text{Y}$  applications:

	Cassettes for Modular-Lab PharmTracer	Article No.
	Elution of $^{68}\text{Ge}/^{68}\text{Ga}$ generator (sterile / non-sterile)	C1-EL-01, C1-EL-00
	Pressure test (sterile / non-sterile)	C1-PR-01, C1-PR-00
	Syringe Dispensing System	C2-DS-02; C3-DS-02
	Adapter Cassette C2 to connect to SLM4 (non-sterile)	C2-ADAPTER
$^{64}\text{Cu}$	$^{64}\text{Cu}$ ATSM	C4-CU-ATSM
$^{68}\text{Ga}$	Cassette for Multi Generator Elution Tool	C1-GA68-MULTI
	$^{68}\text{Ga}$ DOTA compounds	C4-GA-PEP
	$^{68}\text{Ga}$ DOTA compounds (fractionation method)	C4-GA68-FR
	$^{68}\text{Ga}$ HBED-PSMA	C4-GA-PSMA11
	$^{68}\text{Ga}$ FAPI-46	C4-GA-FAP
	$^{68}\text{Ga}$ PentixaFor	C4-GA-PXF
$^{111}\text{In}$	$^{111}\text{In}$ DOTA compounds	C4-IN111-00
$^{177}\text{Lu}$	$^{177}\text{Lu}$ DOTA compounds	C4-LU177-00
$^{90}\text{Y}$	$^{90}\text{Y}$ DOTA compounds	C4-Y90-00

**DISCLAIMER:** This is original material from Eckert & Ziegler and has not been altered in any way by Bayer.

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Cassettes are available for the following  $^{18}\text{F}$  and  $^{11}\text{C}$  applications:

	Cassettes for Modular-Lab PharmTracer	Article No.
$^{18}\text{F}$	[ $^{18}\text{F}$ ]NaF	C2-F-NAF
	[ $^{18}\text{F}$ ]FDG with SPE purification	C6-F-FDG
	[ $^{18}\text{F}$ ]FES with SPE purification	C6-F-FES
	[ $^{18}\text{F}$ ]FET with SPE purification	C6-F-FET
	[ $^{18}\text{F}$ ]FLT with SPE purification	C6-F-FLT
	[ $^{18}\text{F}$ ]FMISO with SPE purification	C6-F-FMISO
	[ $^{18}\text{F}$ ]PSMA-1007	C6-F-PSMA1007
$^{11}\text{C}$	[ $^{11}\text{C}$ ]Choline (MeI source required)	C2-C11-COL
	[ $^{11}\text{C}$ ]Methionine (MeI source required)	C2-C11-MET
	[ $^{11}\text{C}$ ]Acetate	C4-C11-ACE
	[ $^{11}\text{C}$ ]Methyl Iodide Choline (incl. wet chemistry production of MeI)	C4-C11-MEI-COL
	[ $^{11}\text{C}$ ]Methyl Iodide Methionine (incl. wet chemistry production of MeI)	C4-C11-MEI-MET
	[ $^{11}\text{C}$ ]Raclopride (MeI source required)	C4-C11-RAC

Our cassette portfolio is continuously expanding. Customized solutions can be developed and offered upon request.



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