

¹⁸F

FDG	62.49% Yield, >95% RCP, RSD 2.94%, n=12
Fallypride	88% RCY, 13 mCi product, Precursor reduced to 1-2%
FLT	89% Incorporation pre hydrolysis, >99% RCP, 18% TCY
F-MISO	91% Incorporation Yield, >97% RCP, 40% TCY of final product
FIAU	12 mCi desired product from 150 mCi, 115 minutes, No HBr
Altanserin	>50% TCY, Precursor reduced 50%
2FA	100% RCP, Avg. product yield of 115 mCi from 700 mCi
PBR 06	>95% Incorporation, 2x yield of conventional system
DPA 714	>95% Incorporation, Avg. product yield of 115 mCi from 700 mCi
CB-102	90% Incorporation, 96%±5 RCP, n=8, 2x yield of conventional system
EtDT	67%±3 Incorporation, n=8, Avg. product yield of 115 mCi from 700 mCi
PrDT	78%±3 Incorporation, n=5, 2x yield of conventional system
FTHA	74% Incorporation
FE@SUPPY	79.2%±10.9 Incorporation, n=6
FE@SUPPY 2	95.3%±1.9 Incorporation
FEPPA	95% Incorporation, >99% RCP, >50% TCY
FAZA	80% Incorporation, >95% RCP
[¹⁸ F] Benzoic Acid	>85% Incorporation, 95% RCP
FDG Peptide	87% Incorporation
[¹⁸ F]Butyl Azide	80% Incorporation
Fluoroarenes	51 - 95% Incorporation, n=14
N-fluoroacetyl-N-(2,5-dimethoxybenzyl)-2-phenoxyaniline	85% Incorporation, 100% RCP
Proprietary Nitro Pyridine	>95% Incorporation, >99% RCP
[¹⁸ F]Fluoro Nitrobenzene (Gatley's F-aniline)	90% Incorporation, 99% RCP
[¹⁸ F] FDG-Maleimidehexyloxime ([¹⁸ F]FDG-MHO)	87% Incorporation
(Fully automated) SFB	40 - 50% yield (SPE n=10)
ML-10	88% Incorporation*
FPEB	74% Incorporation*
FMDHT	70 - 80% Incorporation*
mGluR5 ligands	25 - 40% Yield
CB 26	70%±6 Incorporation
CB 41	88%±3 Incorporation
SDC 32	40%±8 Incorporation
SDC 47	40%±9 Incorporation

¹¹C

Radiotracer

Results

Flumazenil	88±1.9% RCP, n=6
N- Methylspiperone	66±1.7% RCP, n=3
DAA 1106	64±2% RCP, n=3
Raclopride	>55% RCP, 12.1 mCi (uncorr)
DTBZ	>85% RCP, 7.42 mCi (uncorr)
Proprietary Amide Production	>45% TCY
[¹¹ C] DASB	85% RCP
Neuropeptide Y Y5 Receptor Antagonist [¹¹ C]MK-0233	81% RCP, 160C

Other

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Results

[^{99m} Tc(CO)3(OH2)3]+ labeled DTV	~80% Incorporation
^{99m} Tc Labeled peptide-SAAC21	~100% Incorporation
^{99m} Tc Labeled DTV-Insulin	~50% Incorporation