

Title (en)

METHOD OF PRODUCING IODINE 124 AND META-IODOBENZYLGUANIDINE CONTAINING IODINE 124

Publication

EP 0288284 A3 19900725 (EN)

Application

EP 88303603 A 19880421

Priority

US 4212987 A 19870424

Abstract (en)

[origin: EP0288284A2] This invention relates to a method for synthesising $<1><2><4>I$ and $<1><2><4>I$ -m-IBG comprising an innovative technique for preparing an irradiation target, irradiating the prepared target, and finally collecting $<1><2><4>I$ created by the irradiation. In one embodiment of this invention, the method is further characterized by the synthesis of $<1><2><4>I$ -m-IBG.

IPC 1-7

G21G 1/10

IPC 8 full level

C01B 7/14 (2006.01); **C07C 279/06** (2006.01); **G21G 1/10** (2006.01); **G21K 5/08** (2006.01)

CPC (source: EP)

G21G 1/10 (2013.01)

Citation (search report)

- [A] CHEMICAL ABSTRACTS, vol. 97, 1982, page 496, abstract no. 99643z, Columbus, Ohio, US; J. BURDE et al.: "The excited states in the odd-odd iodine-124 nucleus produced by the (p,n) reaction", & NUCL. PHYS. A 1982, A385(1), 29-42
- [A] CHEMICAL ABSTRACTS, vol. 87, 1977, page 491, abstract no. 30460p, Columbus, Ohio, US; R.M. LAMBRECHT et al.: "Excitation functions, targetry and radiochemistry for iodine-123 and iodine-124 production by the (p,2n) and (p,n) reaction on tellurium-124", & J. LABELLED COMPD. RADIOPHARM. 1977, 13(2), 278
- [A] CHEMICAL ABSTRACTS, vol. 88, 1978, page 330, abstract no. 42745u, Columbus, Ohio, US; K. KONDO et al.: "Cyclotron isotopes and radiopharmaceuticals. XXII. Improved targetry and radiochemistry for production of iodine-123 and iodine-124", & INT. J. APPL. RADIAT. ISOT, 1977, 28(9), 765-71

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