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# Ioflubenzamide I-131

National Cancer Institute

## Source

National Cancer Institute. *Ioflubenzamide I-131*. NCI Thesaurus. Code C80056.

An iodine 131-radiolabeled small-molecule benzamide compound with potential antineoplastic activity. The benzamide moiety of 131-I-MIP-1145 binds to melanin, selectively delivering a cytotoxic dose of gamma and beta radiation to melanin-expressing tumor cells. Melanin pigments, polymer derivatives of the amino acid tyrosine, are over-expressed in approximately 40% of melanomas.