

Catalogue Number	Product	Order number / Unit
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7014 SGMIB Standard**7014.0010: 10 mg per vial
Please inquire for customized
filling and bulk quantities.****Standard for [¹³¹I]SGMIB
N-succinimidyl 4-guanidinomethyl-3-[¹³¹I]
iodobenzoate****Molar Mass:** 416.17 (free base)C₁₃H₁₃IN₄O₄ (Free base)

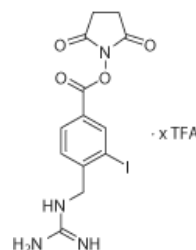
[344791-53-3] (free base)

Colourless to off-white solid packaged in dark glass
screw cap vials.**Purity:** > 80 %**Certificates:**CoA; ¹H NMR spectrum; HPLC**Chemical Name:**

N-Succinimidyl 4-Guanidinomethyl-3-iodobenzoate TFA salt

Synonymes:

Guanidine TFA salt, [[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]-2-iodophenyl]methyl]-; 4-Guanidinomethyl-3-iodo-benzoic acid 2,5-dioxo-pyrrolidin-1-yl ester TFA salt; Benzoic acid, 4-[[[(aminoiminomethyl)amino]methyl]-3-iodo-, 2,5-dioxo-1-pyrrolidinyl ester TFA salt; SGMIB Standard

Literature:Vaidyanathan G. et al. A Polar Substituent-Containing Acylation Agent for the Radioiodination of Internalizing Monoclonal Antibodies: N-Succinimidyl 4-Guanidinomethyl-3-[¹³¹I]iodobenzoate ([¹³¹I] SGMIB). *Bioconjugate Chem.* 2001, 12, 428-438.Vaidyanathan G. et al. Synthesis of N-succinimidyl 4-guanidinomethyl-3-[¹³¹I]iodobenzoate: a radioiodination agent for labeling internalizing proteins and peptides. *Nature Protocols* 2007, 2, 282-286.

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