

Catalogue Number	Product	Order number / Unit
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**2948 5-Trimethylstannyl-2'-deoxyuridine**

Precursor for [<sup>123</sup>I]IUdR  
(5-[<sup>123</sup>I]Iodo-2'-deoxyuridine)

**Molar Mass:** 391.01

C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>5</sub>Sn

[146629-34-7]

Colourless to off-white solid packaged in dark glass screw cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H and <sup>119</sup>Sn NMR spectra

**Chemical Name:**

CA index name: Uridine, 2'-deoxy-5-(trimethylstannyl)-

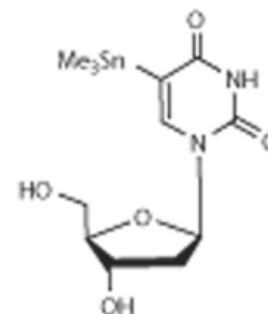
**Synonymes:**

1-(4-Hydroxy-5-hydroxymethyl-tetrahydro-furan-2-yl)-5-trimethylstannanyl-1H-pyrimidine-2,4-dione; 1-(2-Deoxy-β-D-ribofuranosyl)-5-trimethylstannanyl-uracil; 2'-Deoxy-5-trimethylstannanyl-uridine

**Literature:**

1. Kassis A. I. 5-([<sup>123</sup>I]/[<sup>125</sup>I])Iodo-2'-deoxyuridine for cancer diagnosis and therapy. J. Nucl. Med, Allied Sci. 1990, 34, 299-303.
2. Harrison et al. Bladder cancer-[<sup>123</sup>I]IUdR imaging in preparation for [<sup>125</sup>I]IUdR therapy. J. Nucl. Med. 1994, 35, 144P.
3. Kozirowski J. et al. Simple preparation of <sup>76</sup>Br-, <sup>123</sup>I-, and <sup>211</sup>At-labeled 5-halo-2'-deoxyuridine. J. Radioanal. Nucl. Chem. 1997, 219, 127-128.

2948.0010: 10 mg per vial  
2948.0100: 100 mg per vial  
Please inquire for customized filling and bulk quantities.



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