

Product Information

Product ID I7155

CAS No. 476-34-6

Chemical Name

Synonym Isoindigotin

Formula C₁₆H₁₀N₂O₂

Formula Wt. 262.27

Melting Point

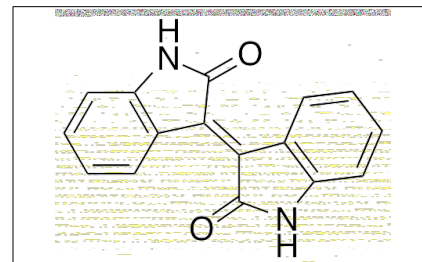
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description Isoindigo inhibits proliferation in various leukemia and cancer cell lines, displaying anticancer activity. Isoindigo and its derivatives may also bind the aryl hydrocarbon receptor (AhR). Additionally, similar compounds show chemotherapeutic benefits in animal models of leukemia.



Bulk quantities available upon request

Product ID **Size**

I7155 5 mg

I7155 100 mg

I7155 250 mg

I7155 1 g

References Wee XK, Yang T, Go ML. Exploring the anticancer activity of functionalized isoindigos: synthesis, drug-like potential, mode of action and effect on tumor-induced xenografts. *ChemMedChem*. 2012 May;7(5):777-91. PMID: 22416043.

Bouchikhi F, Anizon F, Moreau P. Synthesis and antiproliferative activities of isoindigo and azaisoindigo derivatives. *Eur J Med Chem*. 2008 Apr;43(4):755-62. PMID: 17628214.

Nishiumi S, Yamamoto N, Kodoi R, et al. Antagonistic and agonistic effects of indigoids on the transformation of an aryl hydrocarbon receptor. *Arch Biochem Biophys*. 2008 Feb 15;470(2):187-99. PMID: 18086550.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.