

CERTIFICATE of ANALYSIS

PRODUCT:	YC-1 [3-(5'-Hydroxymethyl-2'-furyl)-1-benzylindazole] C ₁₉ H ₁₆ N ₂ O ₂ , M.W. 304.4, CAS# [170632-47-0]
PRODUCT NUMBER:	Y-1000
LOT NUMBER:	G1002E
PRODUCT DESCRIPTION:	Nitric oxide (NO) independent, superoxide-sensitive stimulator of soluble guanylyl cyclase (sGC), EC ₅₀ = 18.6 μM. Induces concentration-dependent increase in cGMP levels in cultured cells and in rabbit aortic rings. Inhibits platelet adhesion to collagen. Non-specific phosphodiesterase inhibitor. YC-1 inhibits HIF-α activity in tumors resulting in blocked angiogenesis and an inhibition of tumor growth. Inhibits Na ⁺ channel. Binds to [³ H]BW202W92.
APPEARANCE:	Off-white powder.
SOLUBILITY:	Soluble In DMSO, methanol or dichloromethane.
PURITY (NMR):	≥ 98%
IDENTITY:	Identity determined by ¹ H-NMR
STORAGE & HANDLING:	Store desiccated at -20°C. PROTECT FROM LIGHT! CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: EK