

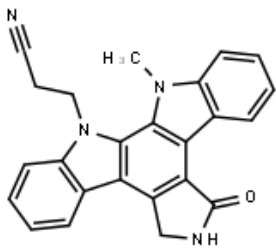
## Certificate of Analysis

Target	Inhibitors & Agonists>>TGF-beta/Smad>>PKC
Cat.No	DC7421
Name	GO 6976

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## Chemical Properties

CAS	136194-77-9
Formula	C <sub>24</sub> H <sub>18</sub> N <sub>4</sub> O
MW	378.43
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of GO 6976 is a complex polycyclic molecule. It features a central benzimidazole ring system. One nitrogen atom of the benzimidazole is substituted with a 3-cyanopropyl group (-CH<sub>2</sub>-CH<sub>2</sub>-CN). The other nitrogen atom is substituted with a methyl group (-CH<sub>3</sub>). The benzimidazole core is further substituted with a phenyl ring at the 2-position, a 2-oxo-1,2,3,4-tetrahydro-1H-imidazol-5-yl group at the 4-position, and a 2-phenyl-1H-imidazol-5-yl group at the 5-position.</p>
Purity	>98%

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