

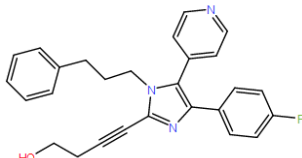
## Certificate of Analysis

Target	Inhibitors & Agonists>>Ras-Raf-MAPK-ERK>>p38 MAPK
Cat.No	DC7491
Name	RWJ67657

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## Chemical Properties

CAS	215303-72-3
Formula	C <sub>27</sub> H <sub>24</sub> FN <sub>3</sub> O
MW	425.5
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of RWJ67657 is a complex molecule. It features a central imidazole ring. One nitrogen of the imidazole is substituted with a 4-phenylbutyl group. The other nitrogen is substituted with a 2-pyridylmethyl group. The 2-position of the imidazole ring is substituted with a prop-1-yn-1-yl group, which is further substituted at the terminal carbon with a 2-hydroxyethyl group. The 4-position of the imidazole ring is substituted with a 4-fluorophenyl group.</p>
Purity	>98%

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www.dcchemicals.com