

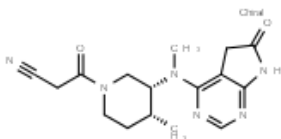
## Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Drug Metabolite
Cat.No	DC40888
Name	Tofacitinib metabolite-1

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## Chemical Properties

CAS	1640971-51-2
Formula	C <sub>16</sub> H <sub>20</sub> N <sub>6</sub> O <sub>2</sub>
MW	328.37
Storage	4°C, protect from light*In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)
Structure	 <p>The chemical structure shows a piperidine ring substituted with a propargyl group (CH<sub>2</sub>CH<sub>2</sub>C≡N) and a methyl group (CH<sub>3</sub>). The piperidine ring is linked via its nitrogen atom to a pyridine ring. The pyridine ring is further substituted with a methyl group (CH<sub>3</sub>) and a 5-membered imidazole ring. The imidazole ring has a carbonyl group (C=O) attached to one of its nitrogen atoms.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com