

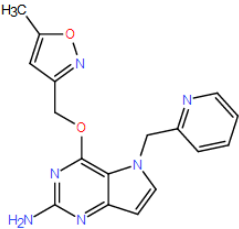
## Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC10653
Name	TLR7-IN-1

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## Chemical Properties

CAS	1642857-69-9
Formula	C <sub>17</sub> H <sub>16</sub> N <sub>6</sub> O <sub>2</sub>
MW	336.13
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of TLR7-IN-1 is a complex heterocyclic molecule. It features a central pyrazolo[1,5-a]pyrimidine ring system. This core is substituted with a methyl group (H<sub>3</sub>C) at the 2-position, an amino group (H<sub>2</sub>N) at the 6-position, and a 2-(4-methyl-1,2,4-oxazol-5-yl)ethoxy group at the 4-position. Additionally, the nitrogen atom at the 3-position of the pyrazolo[1,5-a]pyrimidine ring is substituted with a 2-pyridylmethyl group.</p>
Purity	>98%

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