

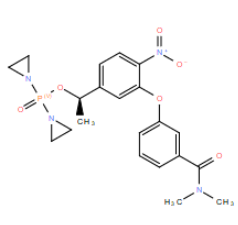
## Certificate of Analysis

Target	Inhibitors & Agonists>>Cell Cycle/DNA Damage>>DNA Alkylator/Crosslinker
Cat.No	DC11163
Name	AST-3424

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## Chemical Properties

CAS	2097713-68-1
Formula	C <sub>21</sub> H <sub>25</sub> N <sub>4</sub> O <sub>6</sub> P
MW	460.427
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of AST-3424 is a complex molecule. It features a central benzene ring substituted with a dimethylamino group (-N(CH<sub>3</sub>)<sub>2</sub>), a dimethylaminoethyl group (-CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>), and a dimethylaminoethyl ether group (-OCH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>). The dimethylaminoethyl ether group is further substituted with a dimethylaminoethyl group (-CH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>).</p>
Purity	>98%

**Website:**  
www.dcchemicals.com