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## Product Datasheet

### 2,3-cGAMP FBM-10-1639

Article Name	2,3-cGAMP
Biozol Catalog Number	FBM-10-1639
Supplier Catalog Number	10-1639
Alternative Catalog Number	FBM-10-1639-200UG,FBM-10-1639-1MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Endogenous STING agonist...
Molecular Weight	718.38
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1441190-66-4]
Formula	C <sub>20</sub> H <sub>22</sub> N <sub>10</sub> O <sub>13</sub> P <sub>2</sub> Na
Application Notes	2,3-cGAMP (CAS 1441190-66-4) is an endogenous STING (stimulator of interferon genes) agonist. <sup>1</sup> Produced from ATP and GTP via the action of cGMP-AMP synthase (cGAS) which acts as a cytosolic DNA sensor. <sup>2,3</sup> Induces autophagy which is a mechanism for clearance of DNA and viruses in the cytosol. <sup>4</sup> DNA damage stimulates 2,3-cGAMP which stimulates an inflammatory response. <sup>5</sup>