

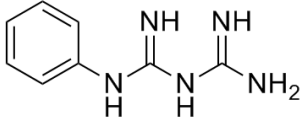
## Certificate of Analysis

Target	Inhibitors & Agonists>>GPCR>>5-HT Receptor
Cat.No	DC12183
Name	Phenylbiguanide (N-Phenylbiguanide; PBG; 1-Phenylbiguanide)

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## Chemical Properties

CAS	102-02-3
Formula	C8H11N5
MW	177.21
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a benzene ring attached to a nitrogen atom. This nitrogen is part of a guanidinium group, specifically a biguanide derivative. The structure is: a benzene ring connected to a nitrogen atom (NH), which is double-bonded to a carbon atom. This carbon is also double-bonded to another nitrogen atom (NH), which is in turn double-bonded to a third carbon atom. This final carbon is double-bonded to a nitrogen atom (NH<sub>2</sub>).</p>
Purity	>98%

Website:  
www.dcchemicals.com