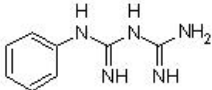


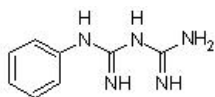
Product datasheet

1-Phenylbiguanide, 5-HT₃ receptor agonist ab120511

1 Image

Overview

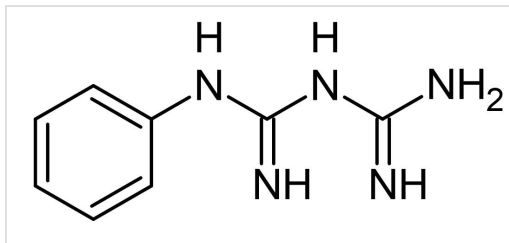
| | |
|-------------------------------|----------------------------------------------------------------------------------------------|
| Product name | 1-Phenylbiguanide, 5-HT ₃ receptor agonist |
| Description | 5-HT ₃ receptor agonist |
| Biological description | 5-HT ₃ receptor agonist (EC ₅₀ = 0.64 nM). Increases dopamine release. |
| Purity | > 99% |
| CAS Number | 102-02-3 |
| Chemical structure |  |



Properties

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical name | 1-Phenylbiguanide |
| Molecular weight | 177.21 |
| Molecular formula | C ₈ H ₁₁ N ₅ |
| PubChem identifier | 4780 |
| Storage instructions | Store at Room Temperature. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in water to 100 mM |
| Handling | <p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p> |
| SMILES | <chem>N=C(N)NC(=N)Nc1ccccc1</chem> |
| Source | Synthetic |

Images



2D chemical structure image of ab120511, 1-Phenylbiguanide, 5-HT3 receptor agonist

Chemical Structure - 1-Phenylbiguanide, 5-HT₃ receptor agonist (ab120511)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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