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## **Product Information**

Product ID R3475

CAS No. 106266-06-2

Chemical Name 3-[2-[4-(6-fluoro-1,2-benzoxazol-3-yl)piperidin-1-yl]ethyl]-2-methyl

-6,7,8,9-tetrahydropyrido[2,1-b]pyrimidin-4-one

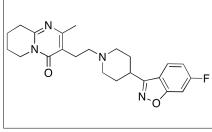
Synonym

Formula C<sub>23</sub>H<sub>27</sub>FN<sub>4</sub>O<sub>2</sub>

Formula Wt. 410.49 Melting Point 170C

Purity ≥98%

Solubility



## **Pricing and Availability**

Bulk quanitites available upon request

Product ID	Size	List Price
R3475	100 mg	\$103.40
R3475	250 mg	\$196.40
R3475	1 g	\$578.90

Store Temp Ambient Ship Temp Ambient

Description
Risperidone is a benzisoxazole atypical antipsychotic that also exhibits antidepressant, anti-inflammatory, and neuroprotective activities. Risperidone acts as an antagonist at D2 receptors and 5-HT2A receptors and as an agonist at 5-HT7 receptors. In vivo, risperidone increases release of DA, 5-HT, and NE in the frontal cortex. Risperidone is also a partial uncompetitive inhibitor of D-amino acid oxidase, which inhibits oxidation of D-serine, an NMDA receptor agonist associated with the onset of schizophrenia; risperidone also inhibits D-amino acid-induced cell death in vitro. In animal models of neuroinflammation or encephalitis, risperidone increases expression of PPARγ and decreases LPS-induced expression of TNF-α, IL-1β, COX, p38 MAPK, and NF-

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.