Pipamperone dihydrochloride

Cat. No.: HY-100703A

CAS No.: 2448-68-2

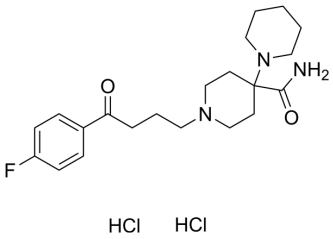
Molecular Formula: $C_{21}H_{32}Cl_2FN_3O_2$

Molecular Weight: 448.4

Target: Dopamine Receptor; 5-HT Receptor

Pathway: GPCR/G Protein; Neuronal Signaling

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pipamperone (Floropipamide; McN-JR 3345) dihydrochloride is a high-affinity antagonist of 5-HT_{2A} receptor (pK_i=8.2) and D_4 receptor (pK_i=8.0) and a low-affinity antagonist of D_2 receptor (pK_i=6.7)[1].
IC_{50} & Target	PAR2, PAR4[6]

REFERENCES

[1]. Erik Buntinx, MD, et al. Selective Serotonergic Properties of Low-Dose Pipamperone May Enhance Antidepressant Effect: Preclinical Evidence.

Caution: Product has not been fully validated for medical applications. For research use only.

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