

Product datasheet

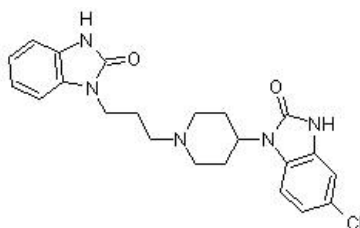
Domperidone, Peripheral D₂-like receptor antagonist

ab120566

[1 References](#) [1 Image](#)

Overview

Product name	Domperidone, Peripheral D ₂ -like receptor antagonist
Description	Peripheral D ₂ -like receptor antagonist
Biological description	Peripheral D ₂ -like receptor antagonist. Does not readily cross the blood-brain barrier, and displays gastrokinetic and antiemetic properties.
CAS Number	57808-66-9
Chemical structure	



Properties

Chemical name	5-Chloro-1-[1-[3-(2,3-dihydro-2-oxo-1 <i>H</i> -benzimidazol-1-yl)propyl]-4-piperidinyl]-1,3-dihydro-2 <i>H</i> -benzimidazol-2-one
Molecular weight	425.92
Molecular formula	C ₂₂ H ₂₄ ClN ₅ O ₂
PubChem identifier	3151
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO 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>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

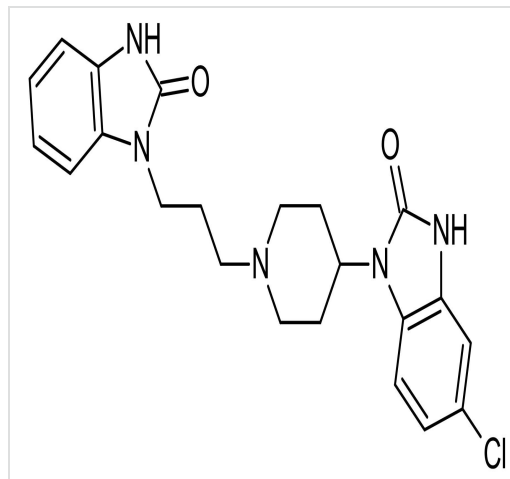
SMILES

Clc4cc5NC(=O)N(C3CCN(CCCN1c2ccccc2NC1=O)CC3)c5cc4

Source

Synthetic

Images



2D chemical structure image of ab120566, Domperidone,
Peripheral D2-like receptor antagonist

Chemical Structure - Domperidone, Peripheral D₂-
like receptor antagonist (ab120566)

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

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