

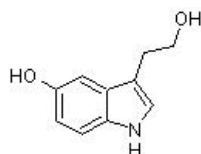
Product datasheet

5-Hydroxytryptophol (Hydroxytryptophol), Endogenous serotonin structural analog ab143639

1 Image

Overview

Product name	5-Hydroxytryptophol (Hydroxytryptophol), Endogenous serotonin structural analog
Description	Endogenous serotonin structural analog
Biological description	Endogenous serotonin structural analog. L-tryptophan metabolite. Competitively inhibits serotonin glucuronidation and UDP-glucuronosyltransferase (K_i values are 291 and 200 μ M respectively). Blood-brain barrier permeable. Increases CNS synthesis of serotonin <i>in vivo</i> . Biomarker for ethanol consumption. Orally active.
Purity	> 98%
CAS Number	154-02-9
Chemical structure	



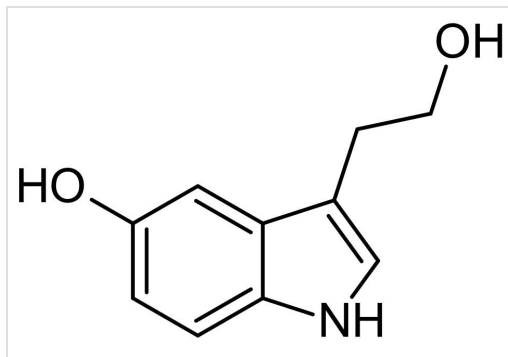
Properties

Chemical name	3-(2-Hydroxyethyl)-1 <i>H</i> -indol-5-ol
Molecular weight	177.20
Molecular formula	$C_{10}H_{11}NO_2$
PubChem identifier	9061
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark.
Solubility overview	Soluble in water to 10 mM and in DMSO to 100 mM
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES C1=CC2=C(C=C1O)C(=CN2)CCO

Source Synthetic

Images



2D chemical structure image of ab143639, 5-Hydroxytryptophol (Hydroxytryptophol), Endogenous serotonin structural analog

Chemical Structure - 5-Hydroxytryptophol (Hydroxytryptophol), Endogenous serotonin structural analog (ab143639)

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

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