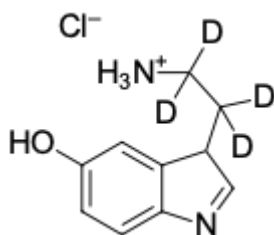


Serotonin-d4

<http://cn.lumiprobe.com/p/serotonin-d4-hydrochloride-2469263-61-2>

Serotonin, or 5-hydroxytryptamine (5-HT), is a neurotransmitter with an integral physiological role in the human body; it regulates various activities, including behavior, mood, memory, and gastrointestinal homeostasis. Serotonin is synthesized in the raphe nuclei of the brainstem and the enterochromaffin cells of the intestinal mucosa. Serotonin is a primary treatment target for many psychiatric and neurological disorders associated with decreased CNS and plasma serotonin concentration, such as major depressive disorder, post-traumatic stress disorder, obsessive-compulsive disorder, and anxiety disorders. Serotonin plays a significant role in the pharmacodynamic activities of antidepressants, such as SSRIs (Selective serotonin reuptake inhibitor) and SNRIs (Serotonin-norepinephrine reuptake inhibitor). Plasma serotonin levels are associated with antidepressant response to SSRIs. Plasma serotonin increased in hepatocellular carcinoma (HCC) patients.



外观: 灰色粉末

分子量: 216.70

编号:

CAS 2469263-61-2

分子式:

$C_{10}H_9D_4ClN_2O$

质量:

控制: NMR 1H 和 HPLC-MS (95+%, D: 98+%)

储存:

条件:

收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

法律声明:

本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。