

Product Specifications

Product Name

D-Valine, Methyl Ester, Hydrochloride

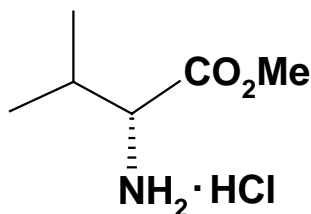
Syn:

D-2-Amino-3-methylbutyric Acid, Methyl Ester, Hydrochloride; (R)-Valine Methyl Ester Hydrochloride; Methyl D-Valinate Hydrochloride; O-Methyl-D-Valine Hydrochloride

CAS No.

21685-47-2

Structure



Mol. Formula

$\text{C}_5\text{H}_{11}\text{NO}_2 \cdot \text{HCl}$

Mol. Weight

153.60

<i>Test</i>	<i>Specification</i>
Appearance	White, microcrystalline solid
Identity	TLC; IR
Mp	168-173 °C
Assay (hplc)	≥ 98%
Specific rotation, $[\alpha]_D$	< -15 ° (c=2.0, H ₂ O)
Ash	< 0.1%
Heavy metals (Pb)	≤ 20 ppm
As	< 2 ppm
LOD	< 1 %
