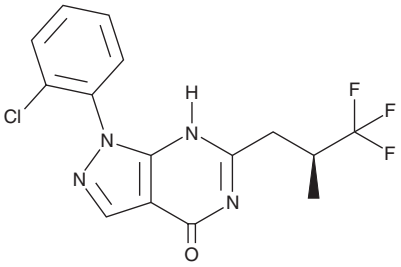
PRODUCT INFORMATION

(S)-BAY 73-6691

Item No. 44764

CAS Registry No.:	794568-91-5
Formal Name:	1-(2-chlorophenyl)-1,5-dihydro-6-[(2S)-3,3,3-trifluoro-2-methylpropyl]-4H-pyrazolo[3,4-d]pyrimidin-4-one
MF:	$C_{15}H_{12}ClF_3N_4O$
FW:	356.7
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

(S)-BAY 73-6691 is supplied as a solid. A stock solution may be made by dissolving the (S)-BAY 73-6691 in the solvent of choice, which should be purged with an inert gas. (S)-BAY 73-6691 is slightly soluble (0.1-1 mg/ml) in a 1:1 solution of acetonitrile:water.

Description

(S)-BAY 73-6691 is an inhibitor of phosphodiesterase 9A (PDE9A; IC_{50} = 88 nM) and the (S)-enantiomer of BAY 73-6691.[1]

Reference

1. Wang, H., Luo, X., Ye, M., *et al.* Insight into binding of phosphodiesterase-9A selective inhibitors by crystal structures and mutagenesis. *J. Med. Chem.* **53(4),** 1726-1731 (2010).

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