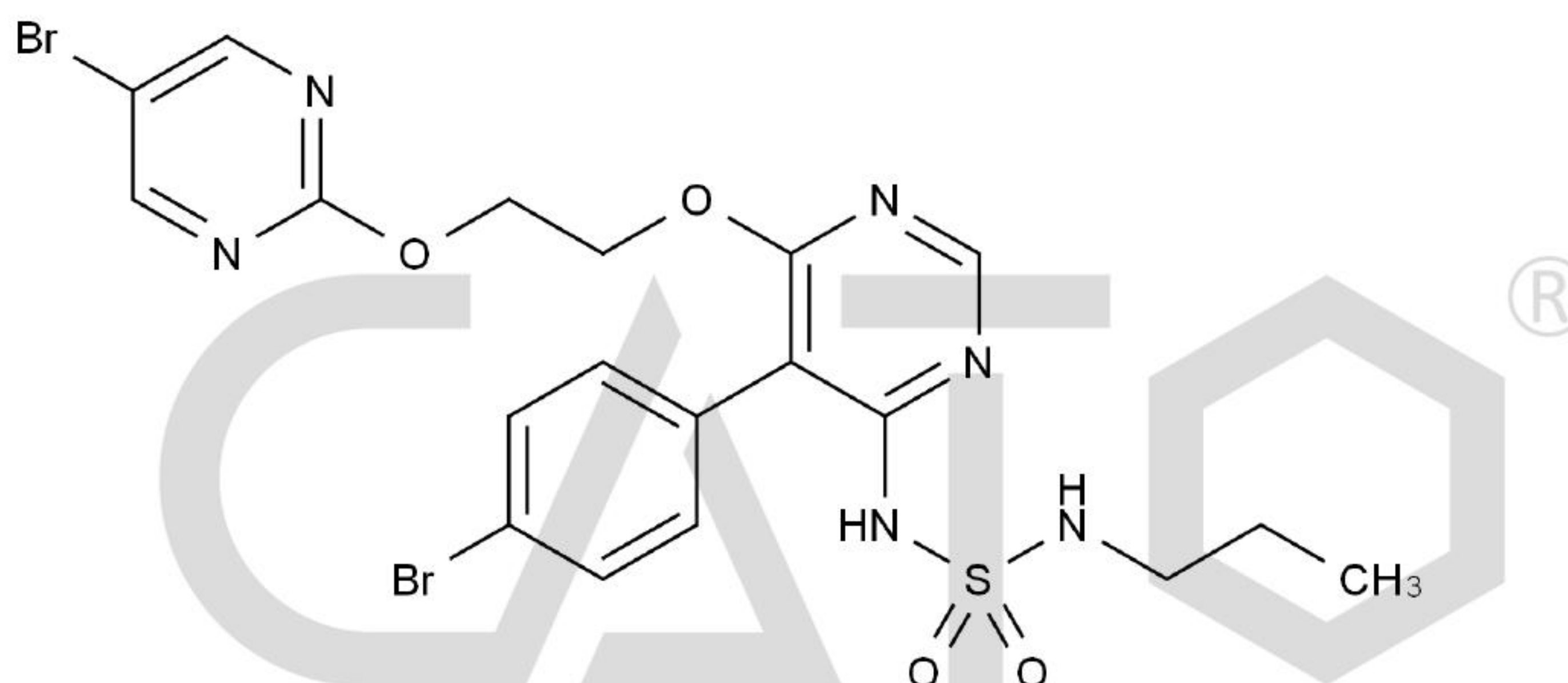


Certificate of Analysis

Reference Material & Standard

Product Name:	Macitentan	Catalogue Number:	C4X-1175
Synonyms:	N/A	Lot Number:	0601-RH-0108
CAS Number:	441798-33-0	Expiry Date:	Jun 04, 2030
Molecular Formula:	C ₁₉ H ₂₀ Br ₂ N ₆ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	588.27	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO:100 mg/mL (169.98 mM) ; Water Insoluble ; Ethanol Insoluble		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.4010%
Loss on Drying	TGA	0.0122%
Assay		99.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 05, 2026

Date: Jun 05, 2026

Date: Jun 05, 2026



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