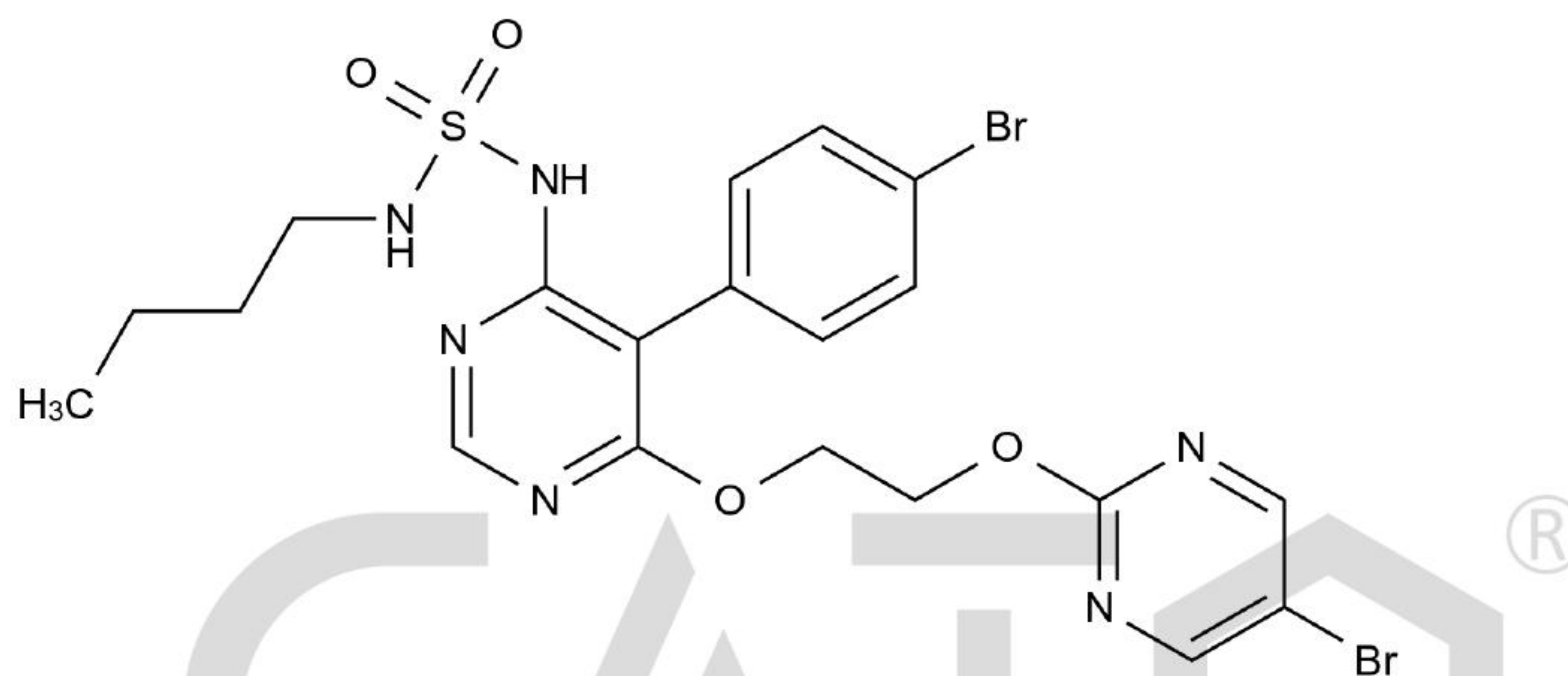


Certificate of Analysis

Reference Material

Product Name:	Macitentan Impurity 27	Catalogue Number:	C4X-117527
Chemical Name:	N/A	Lot Number:	0822-RE-0027
CAS Number:	N/A	Expiry Date:	Aug 23, 2026
Molecular Formula:	C ₂₀ H ₂₂ Br ₂ N ₆ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	602.30		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.648%
Loss On Drying	TGA	0.0130%
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Aug 24, 2023

Date: Aug 25, 2023

Date: Aug 25, 2023

