

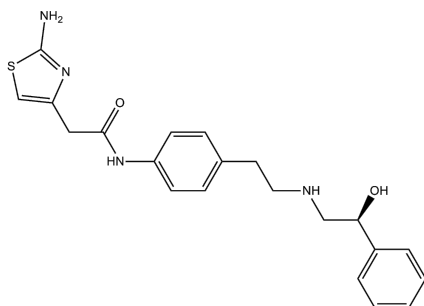
Certificate of Analysis

Product Name: Mirabegron (YM178)
Cat. No.: GC11915
Batch No.: 1
Chemical Name: 2-(2-amino-1,3-thiazol-4-yl)-N-[4-[2-[[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]acetamide

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 223673-61-8
Molecular Formula: $C_{21}H_{24}N_4O_2S$
Molecular Weight: 396.51
Storage: Store at -20°C

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA