

## List of Abbreviations

QU, Quercetin

LT, Luteolin

ACV, Acyclovir;

Enhancement Ratio ER

DME, Drug metabolizing enzymes

RB, Relative bioavailability

T<sub>max</sub>, Time to reach maximum concentration

C<sub>max</sub>, Maximum plasma concentration

DT, Drug transporters

T<sub>1/2</sub>, Half life

FTIR, Fourier transform infrared spectroscopy

DMEM Dulbecco's Minimum Essential Medium

HBSS Hank's Balanced Salt Solution

FBS Fetal Bovine Serum

BCS, Biopharmaceutics Classification System

EDT, Efflux drug transporters

Sil, Silibinin

SQU, Saquinavir

AUC, Area under curve;

NDDS, Novel Drug Delivery System

LC-MS, Liquid chromatography mass spectrometry

UV, Ultraviolet spectroscopy