

Table 10-1 Pgp Substrates and Modulators

SUBSTRATES

Vinca alkaloids

vinblastine
vincristine

Anthracyclines

doxorubicin
daunorubicin

Taxanes

paclitaxel
docetaxel

Epipodophyllotoxins

etoposide
teniposide

Steroids

aldosterone
dexamethasone

HIV protease inhibitors

indinavir
saquinavir
nelfinavir
ritonavir

Analgesics

morphine

Cardiac glycosides

digoxin

Anthelmintics

ivermectin

Detergents

Triton X-100
nonylphenol ethoxylate

Fluorescent dyes

rhodamine 123
tetramethylrosamine
Hoechst 33342
LDS-751
calcein acetoxymethyl ester

Linear/cyclic peptides

ALLN
NAc-LLY-amide
leupeptin
pepstatin A

Ionophores

gramicidin D
nonactin
beauvericin

Cytotoxic agents

colchicines
actinomycin D
mitoxantrone

Miscellaneous

loperamide
cimetidine

MODULATORS

Ca²⁺ channel blockers

verapamil
nifedipine
azidopine
dexniguldipine

Calmodulin antagonists

trifluoperazine
chlorpromazine
trans-flupethixol

Cyclic peptides

cyclosporin A
PSC833

Steroids

progesterone
tamoxifen
cortisol

Miscellaneous

GF120918
LY335979
XR9576
OC144-093
disulfiram
quinidine
chloroquine
reserpine
amiodarone
terfenadine