

**TABLE 2. HIV Treatment Pipeline 2003–2012**

Class	Drug name	Generic name	Brand name	Sponsor	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
NRTI	FTC	emtricitabine	Emtriva (2003)	Triangle/Gilead	approved									
NRTI	AG1549	capravirine		Agouron/Pfizer	III	III	discontinued							
NRTI	DAPD	amdoxovir		Gilead/Emory/RFS Pharma	II	to Emory	to RFS II		II			discontinued		
NRTI	MIV-310, FLT	alovudine		Boehringer Ingelheim/Medivir/Beijing Mefuvir	II					to Mefuvir				
NRTI	ACH-126443	elvucitabine		Achillion	II	II	II	I	II					
NRTI	D-04FC, DPC-817	reverset		Pharmasset/Incyte	I	I	II	discontinued						
NRTI	SPD-754, AVX-754, ATC	apricitabine		Shire BioChem/Avexa		I	I	I	II			discontinued		
NRTI		racivir		Pharmasset				I	II	discontinued				
NRTI	4'-Ed4T, OBP-601 (ex festinavir)	BMS-986001		Bristol-Myers Squibb									II	II
NRTI	CMX-157			Chimerix										I
NRTI	GS-7340, PMPA			Gilead									II	II
NNRTI	TMC-125	etravirine	Intelence (2008)	Janssen (ex Tibotec)	II	II	II	III	III	approved				
NNRTI		calanolide A		Advanced Life Sciences/Sarawak MediChem	II		II							
NNRTI	DPC-083, AI-183			Bristol-Myers Squibb	II	discontinued								
NNRTI	TMC-278	rilpivirine	Edurant (2011)	Janssen (ex Tibotec)			I	II	III	III	III	III	approved	
NNRTI	BILR-355/r BS			Boehringer Ingelheim				I	II	discontinued				
NNRTI	UK-453061	lersivirine		Pfizer							II	II	II	II
NNRTI			Viramune XR (2011)	Boehringer Ingelheim									approved	
NNRTI (injectable)		rilpivirine-LA		Janssen (ex Tibotec)										I
PI		atazanavir	Reyataz (2003)	Bristol-Myers Squibb	approved									
PI	VX-175, GW-433908	fosamprenavir	Lexiva (2003)	Vertex/GlaxoSmithKline	approved									
PI		tipranavir	Aptivus (2005)	Boehringer Ingelheim	III	III	approved							
PI	TMC-114	darunavir	Prezista (2006)	Janssen (ex Tibotec)	II	II	III	approved						
PI	GSK-640385	brecanavir		GlaxoSmithKline			I	II	discontinued					
PI	PPL-100			Ambrillia/Merck				I	I	discontinued				
FI	T-20	enfuvirtide	Fuzeon (2003)	Trimeris/Hoffmann-La Roche	approved									
CCR5RI	SCH-C, SCH-351125			Schering-Plough	I/II	discontinued								
CCR5RI	UK-427857	maraviroc	Selzentry (2007)	Pfizer	I	I	II	III	approved					
CCR5RI	SCD-D, SCH-417	vicriviroc		Schering-Plough		I	II	II	II	III	III	discontinued		
CCR5RI/2RI	TAK-652, TBR-652	cenicriviroc		Takeda/Tobira				I	I	I	I	I	II	II
InI	MK-0518	raltegravir	Isentress (2007)	Merck			I/II	III	approved					
InI	GS-9137, JTK-303	elvitegravir		Gilead			I	II	II	III	III	III	III	submitted
InI	S/GSK-1349572	dolutegravir		GlaxoSmithKline/Shionogi/ViiV							II	II	III	III
InI	GSK-1265744			GlaxoSmithKline/Shionogi							II	II	II	II
InI	GSK-1265744 (LA)	long-acting GSK-1265744		GlaxoSmithKline/Shionogi										I
Anti-CD4 Mab	TNX-355, Hu5A8	ibalizumab		Tanox/Biogen Idec/TaiMed	I	I	II	II	II	II	II	II	II	
AI	PRO-542			Progenics	II	discontinued								
AI	PA-457, MPC-4326	bevirimat		Panacos/Vitex/Myriad		I	I	II	II	II	II	discontinued		
AI	PRO-140			Progenics			I	I			II	discontinued		
AI (gp120)	BMS-663068			Bristol-Myers Squibb								II	II	II
PK booster	GS-9350	cobicistat		Gilead							II	III	III	submitted
PK booster	SPI-251			Sequoia								III	discontinued	
PK booster	CTP-518			GlaxoSmithKline								I	I	on hold
FDC	ABC/3TC	zidovudine/amivudine	Epzicom (2003)	GlaxoSmithKline	approved									
FDC	FTC/TDF	emtricitabine/tenofovir	Truvada (2004)	Gilead		approved								
FDC	EFV/FTC/TDF	efavirenz/emtricitabine/tenofovir	Atripla (2006)	Bristol-Myers Squibb/Gilead				approved						
FDC	RLV/FTC/TDF	rilpivirine/emtricitabine/tenofovir	Complera/Eviplera (2011)	Janssen (ex Tibotec)/Gilead									III	approved
FDC	EVG/COBI/FTC/TDF	elvitegravir/cobicistat/emtricitabine/tenofovir	Quad	Gilead									III	III
FDC		elvitegravir/cobicistat/emtricitabine/GS-7340		Gilead										II
FDC		darunavir/cobicistat/emtricitabine/GS-7340		Janssen (ex Tibotec)/Gilead										II
FDC		dolutegravir/abacavir/lamivudine	572-Trii	ViiV										III

**LEGEND:** NRTI = nucleoside reverse transcriptase inhibitor; NNRTI = non-nucleoside RTI; PI = protease inhibitor; FI = fusion inhibitor; CCR5RI = CCR5 receptor inhibitor; CCR2RI = CCR2 receptor inhibitor; InI = integrase inhibitor; AI = attachment inhibitor; MI = maturation inhibitor; PK booster = pharmacokinetic booster; FDC = fixed-dose combination